

20020321.qrp v02_n501.qrl.20020321

Date: Thu, 21 Mar 2002 19:03:14 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2501

QRP-L Digest 2501

Topics covered in this issue include:

- 1) [122717] Re: Miracle Whip Antenna
by Mike <mmorrow@companet.net>
- 2) [122718] Re: One tube transceiver ?
by Mike Manship <mjmanship@iquest.net>
- 3) [122719] Re: One tube transceiver ?
by "Trevor Jacobs" <fxtech@earthlink.net>
- 4) [122720] Miracle Whip consensus
by "Vincent A. Santis" <vsantis@earthlink.net>
- 5) [122721] Re: Tinning Torroids
by "Trevor Jacobs" <fxtech@earthlink.net>
- 6) [122722] Re: History of the quartz crystal
by MIKE SOUHRADA <wb9iog@revealed.net>
- 7) [122723] Re: [Elecraft] Miracle Whip consensus
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 8) [122724] Cake Pan QRP TX for sale
by Karl Heimbach <kheimbach@ev1.net>
- 9) [122725] Miracle Whip versus
by KKANALZ@prodigy.net
- 10) [122726] CFNO 2002 -RESULTS
by Fred Lesnick <flesnick@tbaytel.net>
- 11) [122727] Re: One tube transceiver ?
by "Brice D. Hornback" <bdh@cyberbound.net>
- 12) [122728] Harbor Tool Hand punch
by Donn Kuse <casey.jay@gte.net>
- 13) [122729] Re: One tube transceiver ?
by David Porter <aa3ur@comcast.net>
- 14) [122730] Re: Tinning Torroids
by Stephen Hawkins <grayline@mindspring.com>
- 15) [122731] paddles?
by Schunn99@aol.com
- 16) [122732] RE: Miracle Whip Antenna
by Nick Kennedy <nkennedy@tcainternet.com>
- 17) [122733] Re: ALTOIDS TINS
by Donn Kuse <casey.jay@gte.net>
- 18) [122734] WTB AEA MK1 Manual
by W8IRQ@aol.com
- 19) [122735] Re: paddles?

by Arthur Moe <kb7ww@easystreet.com>

20) [122736] Re: [Elecraft] Miracle Whip consensus
by Larry Cahoon <lejek@erols.com>

21) [122737] Re: paddles?
by Donn Kuse <casey.jay@gte.net>

22) [122738] Beacons
by "Pat J. Whelton" <pwhelton@hal-pc.org>

23) [122739] Re: paddles?
by "KU4YP" <ku4yp@earthlink.net>

24) [122740] Re: Miracle Whip consensus
by "Trevor Jacobs" <fxtech@earthlink.net>

25) [122741] Re: ALTOIDS TINS
by David Hinerman <wd8civ@worldnet.att.net>

26) [122742] Palm PDA to FT-817 Connection "CT Cable"
by "G. F. Lofstead" <w3cde@bellsouth.net>

27) [122743] RE: paddles?
by Nick Kennedy <nkennedy@tcainternet.com>

28) [122744] QST Pictures
by "Roger A. McCarty" <rmccarty@earthlink.net>

29) [122745] RE: paddles?
by Bob Mason <skydive@usa.net>

30) [122746] NEQRP CW Net, 21 March 2002, 8:30PM EST, 3.565 MHz
by Chuck Ludinsky <cjl@mitre.org>

31) [122747] K9DC K2 to Korea
by Dave Gingrich K9DC <gingrich2@dcg.org>

32) [122748] Re: FT-243 versus FT-241
by "Brad Hernlem" <alihernlem@hotmail.com>

33) [122749] FW: WTB: Sierra 30-Metre module
by "Doc Lindsey" <lindsey425@cs.com>

34) [122750] FW: K1 for trade
by "Doc Lindsey" <lindsey425@cs.com>

35) [122751] For Sale - NC-40a QRP rig
by "Doc Lindsey" <lindsey425@cs.com>

36) [122752] For Sale - SST-20 QRP rig
by "Doc Lindsey" <lindsey425@cs.com>

37) [122753] DX - VP6DI on 10M
by "Alan Kaul" <alan.kaul@worldnet.att.net>

38) [122754] Testing Outlook Express
by "Doc Lindsey" <lindsey425@cs.com>

39) [122755] Re: Degauss BALUN cores [demagnetize toroids]
by Chuck Carpenter <w5usj@9plus.net>

40) [122756] I do recall a transmitter circuit somewhere that used the 50L6 or 50C5 as an oscillator or rf amp...
by w4clm.ham@juno.com

41) [122757] PESKY TEXAN ARMADILLO CHASE - update March 20
by "N1LN" <n1ln@earthlink.net>

42) [122758] Urologist's Antenna Advice
by "Jim Stamper" <jstamper@shentel.net>

43) [122759] Re: Miracle Whip consensus
by Radioham <radioham@comcast.net>

44) [122760] Re: [Elecraft] Re: Miracle Whip consensus
by "Stuart Rohre" <rohre@arlut.utexas.edu>

45) [122761] Latest Junkbox List
by "Brian Murrey" <brian@iquest.net>

46) [122762] JunkBox Parts Update - For Sale
by "Brian Murrey" <brian@iquest.net>

47) [122763] Re: I do recall a transmitter circuit somewhere that used the 50L6
or 50C5 as an oscillator or rf amp...
by w4clm.ham@juno.com

48) [122764] RE: I do recall a transmitter circuit somewhere that used the 50L6
or 50C5 as an oscillator or rf amp...
by jacksonharbor@att.net

49) [122765] VP6DI on QRP
by "georgekr5c" <georgekr5c@cablelynx.com>

50) [122766] Re: I do recall a transmitter circuit somewhere that used the 50L6
or 50C5 as an oscillator or rf amp...
by "Alan Kaul" <alan.kaul@worldnet.att.net>

51) [122767] RE: QRP Xmtr Tube Choice
by W2SH@aol.com

52) [122768] Re: Tube transmitters
by W2SH@aol.com

53) [122769] Re: Building a tube QRP xmitter
by W2SH@aol.com

54) [122770] RE: joel's truck revisited again
by Mark Schoonover <schoon@amgt.com>

55) [122771] Re: ALTOIDS TINS
by "Kevin M." <adverseyaw@twmi.rr.com>

56) [122772] Woah! Rainbow Enclosures Complete!
by "Doug Hauff" <slmachco@fix.net>

57) [122773] FS: New MFJ 1275 Interface
by "William Phinizy" <k6whp@gte.net>

58) [122774] Weller WTCPT on Sale !!
by Conrad Weiss <radman@best.com>

59) [122775] Re: Tinning Torroids
by "Mike Yetsko" <myetsko@insydesw.com>

60) [122776] FW: Test
by "Doc Lindsey" <lindsey425@cs.com>

61) [122777] QRP Challenge Cancelled
by "WI8W" <wi8w@arrl.net>

62) [122778] Re: Beacons
by "Ingo, DK3RED" <dk3red@t-online.de>

63) [122779] DSW-20 Sold
by "Alan Fryer" <n3bj@hotmail.com>

64) [122780] Re: where can I find?
by Ray Sills <raysills@1stconnect.com>

65) [122781] San Felix Island Expedition LATEST NEWS

- by "Ron Polityka" <wb3aal@fast.net>
- 66) [122782] Re: paddles
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
- 67) [122783] tube chassis
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 68) [122784] Spring Cleaning Sale - TAC-1s
by DLShips@aol.com
- 69) [122785] Re: where can I find?
by "Brian" <brian@iquest.net>
- 70) [122786] Re: paddles
by "Steve/n0tu" <n0tu@codenet.net>
- 71) [122787] Re: Tinning wire on torids.
by "Karl F. Larsen" <k5di@zianet.com>
- 72) [122788] Re: San Felix Island Expedition LATEST NEWS
by "Rod N0RC" <rod@n0rc.com>
- 73) [122789] Re: Miracle Whip Antenna
by W2AGN <w2agn@pobox.com>
- 74) [122790] Re: Surf CPO
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 75) [122791] Another source of Copper Clad Stock for Manhattan Const.
by "Rod N0RC" <rod@n0rc.com>
- 76) [122792] Wanted: Manual for PK-232MBX
by "Bill Jones" <kd7s@psnw.com>
- 77) [122793] Re: tube transmitters for beginners
by "Bill Jones" <kd7s@psnw.com>
- 78) [122794] FREE QRP mags
by N4SKS@cs.com
- 79) [122795] Norcal BLT?
by "Lee, Jimmy" <Jimmy.Lee@bartow.k12.ga.us>
- 80) [122796] Sources for Manhattan Construction
by <mgoins@usa.net>
- 81) [122797] Dual Gate FET's
by John Cawthorne <johncawt@voicenet.com>
- 82) [122798] solder pots & weird hamfest stuff
by Nick Kennedy <nkennedy@tcainternet.com>
- 83) [122799] Re: History of the quartz crystal
by Chuck Adams <k7qo@earthlink.net>
- 84) [122800] Re: QRP-L digest 2500
by Paul Oakes <pro@glassaxis.org>
- 85) [122801] RE: Dual Gate FET's
by "Ed Tanton" <n4xy@earthlink.net>
- 86) [122802] Re: solder pots & weird hamfest stuff
by "Ham" <KD5NWA@mbayona.com>
- 87) [122803] [CONTEST] N2CQ QRP Contest Calendar Mar 22-31
by Ken Newman <N2CQ@dandy.net>
- 88) [122804] Re: solder pots & weird hamfest stuff
by Bruce Rattray <rattray@gpfn.sk.ca>
- 89) [122805] RE: Dual Gate FET's - caveat and two new databases

by "Ed Tanton" <n4xy@earthlink.net>

90) [122806] Re: I do recall a transmitter circuit somewhere that used the 50L6
or
50C5 as an oscillator or rf amp...
by Bruce Muscolino <w6toy@erols.com>

91) [122807] Re: I do recall a transmitter circuit somewhere that used the 50L6
or
50C5 as an oscillator or rf amp...
by Bruce Muscolino <w6toy@erols.com>

92) [122808] 6AS5, a 50C5 with a 6.3vac fillament
by Chris <c_sieg@conknet.com>

93) [122809] Tube rig qso
by Steven Weber <kd1jv@moose.ncia.net>

94) [122810] Re: Weird Hamfest Stuff
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>

95) [122811] Antennas, teh long and short of them!
by Bruce Muscolino <w6toy@erols.com>

96) [122812] manual wanted
by Wayne Williams <aa5jj@yahoo.com>

97) [122813] Re: Crystals
by George Gingell <k3tks@u1.abs.net>

98) [122814] Re: I do recall a transmitter circuit somewhere that used the 50L6
or
50C5 as an oscillator or rf amp...
by John Farler <jfarler@peoplepc.com>

99) [122815] QRPp
by "Brian" <brian@iquest.net>

100) [122816] RE: I do recall a transmitter circuit somewhere that used the 50L6
or
50C5 as an oscillator or rf amp...
by John Farler <jfarler@peoplepc.com>

101) [122817] Re: 6AS5, a 50C5 with a 6.3vac fillament
by "Ham" <KD5NWA@mbayona.com>

102) [122818] Re: 208A CW Filter
by George Gingell <k3tks@u1.abs.net>

103) [122819] Re: solder pots & barbarians
by KKANALZ@prodigy.net

104) [122820] Re: Crystals
by "Brad Hernlem" <alihernlem@hotmail.com>

105) [122821] 2BDQ dipole
by W2AGN <w2agn@pobox.com>

106) [122822] How To Use Those "Out-of-Band" FT-243 rocks
by KKANALZ@prodigy.net

107) [122823] CFNO: Results, So far
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>

108) [122824] so what who cares !
by "k8cv" <k8cv@netzero.net>

109) [122825] FS: K2

by K1epj@aol.com

110) [122826] RE: Norcal Cap Kit
by W2SH@aol.com

111) [122827] Re: so what who cares !
by "Brian" <brian@iquest.net>

112) [122828] Re: so what who cares !
by Bruce Muscolino <w6toy@erols.com>

113) [122829] Re: Crystals
by "Mike Branca" <w3irz@att.net>

114) [122830] Re: Tinning Toroids
by "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>

115) [122831] More about the "The Bare Essentials Transmitter".
by w4clm.ham@juno.com

116) [122832] KA4AVX KA4AVX KA4AVX DE W4CLM - Lost you OM
by w4clm.ham@juno.com

117) [122833] "The Bare Essentials Transmitter
by w4clm.ham@juno.com

118) [122834] Re: Crystals
by Pete Burbank <plburbank@kih.net>

119) [122835] 20m QRP "tiny" ATU
by "Guido Tedeschi, ik2bcp" <ik2bcp@hamlan.org>

120) [122836] "The Bare Essentials Transmitter".
by w4clm.ham@juno.com

121) [122837] Re: "The Bare Essentials Transmitter
by "Trevor Jacobs" <fxtech@earthlink.net>

122) [122838] morse keys
by euramcom pages <mel@euramcom.freemove.co.uk>

123) [122839] Test Message Do Not Open
by "Doug Hendricks" <ki6ds@dph.dpol.net>

124) [122840] Re: nwq-1: Tube XMTR/RCVR
by George Franklin <w0av@juno.com>

125) [122841] Winter QRPp Will Be Late
by "Doug Hendricks" <ki6ds@dph.dpol.net>

126) [122842] Re: paddles
by "Howard Kraus" <K2UD@adelphia.net>

127) [122843] RE: The Bare Essentials Transmitter HOUSTON -WE HAVE A LINK FOR YOU
- IT'S ALL HERE ! TNX AG5P
by w4clm.ham@juno.com

128) [122844] QRPp late! Doug's posting.
by euramcom pages <mel@euramcom.freemove.co.uk>

129) [122845] 78L05 Knowledge
by Patrick Gardella <pgardella@yahoo.com>

130) [122846] Re: paddles
by "carl seyersdahl" <carlseye@tampabay.rr.com>

131) [122847] RE: Winter QRPp Will Be Late
by "Kory Hamzeh" <kory@avatar.com>

132) [122848] Re: One tube transceiver ?
by Dave Fouchey <dafouchey@comcast.net>

- 133) [122849] Re: 78L05 Knowledge
by "Brice D. Hornback" <bdh@cyberbound.net>
134) [122850] Re: Winter QRPp Will Be Late
by David Heintzleman <pstrdave@kdsi.net>
135) [122851] Re: paddles
by "Trevor Jacobs" <fxtech@earthlink.net>
136) [122852] Re: Winter QRPp Will Be Late-Winter/Spring?
by John Farler <jfarler@peoplepc.com>
137) [122853] Re: [fpqrp] JunkBox Parts Update - For Sale
by "Ian C. Purdie" <ianpurdie@integritynet.com.au>
138) [122854] Meguro 35 Mhz Oscilloscope
by "Jim Thiessen" <jthiessen@videotron.ca>

Date: Wed, 20 Mar 2002 17:50:14 -0600
From: Mike <mmorrow@companet.net>
To: w2agn@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [122717] Re: Miracle Whip Antenna
Message-ID: <3C992036.4BA1@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Wednesday 20 March 2002 17:02, Mizuho@aol.com wrote:

> > Well unlike some people who have never used it and have big
> > opinions I own one, have used it and I love it. I have worked all
> > over the world with just the power supply as a ground.

Then, W2AGN wrote:

> The truth doesn't hurt a bit. Physical laws are broken all the time.
> ... If YOUR Miracle whip gets out, great.

It can't be too much worse than that Australian outfit's vertical with the magical base that "couples to the ground" crap/junk/garbage/con-job of a portable antenna! A fool could easily drop \$500 or more on THAT and wind up with something that a \$3 dipole would beat by at least 20 dB! (I was one such fool!) Still, there appears to be NO lack of enthusiastic endorsements.

Antennas/dummy loads of this type always fail miserably in direct comparison to antennas principally designed to produce something other than revenue for some ham radio equivalent of P. T. Barnum.

Any commercial broad-band "dipole" with a load resistor fits in the same

category. For decades, one outfit has sold a folded-dipole for big bucks, claiming broad-band low SWR. No surprise. My dummy load has broad-band low SWR for EXACTLY the same reason!

Caveat Emptor!!

Mike / KK5F

Date: Wed, 20 Mar 2002 19:02:14 -0500
From: Mike Manship <mjmanship@iquest.net>
To: qrp-1@Lehigh.EDU
Subject: [122718] Re: One tube transceiver ?
Message-ID: <3.0.6.32.20020320190214.007b2150@iquest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

<http://www.sky.net/~swheaton/bn1.html>

Date: Wed, 20 Mar 2002 16:17:06 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: mjmanship@iquest.net,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122719] Re: One tube transceiver ?
Message-ID: <20020321001707.62085.qmail@earthlink.net>
Content-Type: text/plain; charset="iso-8859-1"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Hehehe...kinda looks like a 1956 version of the pixie with an MP-1 attached! ;-)

72/73's

Trev

KG6CYN

----- Original Message -----

From: Mike Manship <mjmanship@iquest.net>
Date: Wed, 20 Mar 2002 19:02:14 -0500
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: Re: One tube transceiver ?

> <http://www.sky.net/~swheaton/bn1.html>

>

>

--

Date: Wed, 20 Mar 2002 19:15:40 -0500
From: "Vincent A. Santis" <vsantis@earthlink.net>
To: "Elecraft (E-mail)" <elecraft@mailman.qth.net>
Cc: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Subject: [122720] Miracle Whip consensus
Message-ID: <01C1D043.B18EDA40.vsanitis@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi,

Well, the consensus on the Miracle Whip is to save my money or settle for a 50 ohm resistor. That being the case let me kick it up a notch.
How about the Alpha Delta Joey? I'm looking for an antenna I can use in Motel rooms and rented summer cottages where throwing wire up in trees might be frowned on by the property owner.

Thanks again,

Vince Santis,N1VS
Winsted, CT
NEQRP # 598
PRP-L # 2372
FISTS# 8053
CC # 1161

Date: Wed, 20 Mar 2002 16:24:06 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: wd8civ@worldnet.att.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122721] Re: Tinning Torroids
Message-ID: <20020321002406.74045.qmail@earthlink.net>
Content-Type: text/plain; charset="iso-8859-1"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

I don't know how many other people do it this way, and I haven't ever found a problem doing it this way, but what I do is just take the hot soldering iron and heat the very end where the copper is exposed until the enamel starts to bubble a bit and tin it with solder just like you would a regular piece of wire. You just have to be carefull not to melt off too much enamel, and just enough to tin the length that you need for your application. I tried this a couple of years back when I couldn't find any fine sand paper and it seems to work great. I usually clean up excess melted enamel with 90% or better Isopropyl alcohol.

72/73's

Trev

KG6CYN

----- Original Message -----

From: David Hinerman <wd8civ@worldnet.att.net>

Date: Wed, 20 Mar 2002 17:53:58 -0500

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: Re: Tinning Torroids

> At 04:33 PM 3/20/02 -0500, you wrote:

> >Has anyone tried using your wife's nail polish remover to remove the enamel

> >coating on magnet wire? I'm not asserting that it would work, and I don't

> >have anything to test it with in front of me at the moment---just an idea.

>

> Roy,

>

> I have. It's not that kind of enamel...

>

> >Of course, maybe you have your OWN polish remover, but we won't go

> >there.....

>

> ...and I'm not that kind of guy. (grin)

>

> Dave

>

>

> -----

> Dave Hinerman

> WD8CIV@worldnet.att.net

>

>

--

Date: Wed, 20 Mar 2002 18:33:49 -0600
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: giamman@rouge.phys.lsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [122722] Re: History of the quartz crystal
Message-ID: <3C992A6D.2A702D7A@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Giammanco wrote:

>
> Interesting... given the current flurry of FT-243 and tube curiosity...
> article on the history of the quartz crystal
>
> <http://www.corningfrequency.com/history/vbottom.html>

Jim N5IB

Thanks for the heads up.

For the rest there is much more on that web site in the download area.

I've not looked at the details yet but many adobe files on xtal

circuitry is

available.

Mike

Iowa

Date: Wed, 20 Mar 2002 18:34:51 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <vsantis@earthlink.net>,
"Elecraft \ (E-mail\)" <elecraft@mailman.qth.net>
Cc: "QRP List \ (E-mail\)" <qrp-l@lehigh.edu>
Subject: [122723] Re: [Elecraft] Miracle Whip consensus
Message-ID: <01d501c1d070\$36b0de40\$4e100a0a@rohredt2000>

Sorry Vince, same answer as Miracle Whip.

I have the Outbacker, which is the parent of Joey. They are N.G. indoors,
and useless unless you have radials for each band, or at least a set for
lowest band of use.

I would consider a homemade vertical like the Force 12 vertical dipoles, and
in fact you could put 20 to 10 on one mast set, by using mast for 20M, and TV
standoffs and wires for other bands.

GL and 73,
Stuart K5KVH

Date: Wed, 20 Mar 2002 18:40:55 -0600
From: Karl Heimbach <kheimbach@ev1.net>
To: qrp-1@Lehigh.EDU
Subject: [122724] Cake Pan QRP TX for sale
Message-ID: <5.1.0.14.2.20020320183539.00b3f6a0@mail.ev1.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Have a Cake Pan transmitter for sale. Two tubes 6C4 and 6AQ5. Runs about 4 to 8 watts depending on band. Crystal controlled. Used a couple of times - works fine. With assembly manual and coils. Can send digital picture if anyone is interested. \$75 plus shipping.

Also have the matching regen receiver - kinda deaf though but with plenty of AC hum.

Please reply off list if interested.

Thanks,

Karl - W5QJ

Date: Wed, 20 Mar 2002 19:40:30 -0500
From: KKANALZ@prodigy.net
To: <vsantis@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122725] Miracle Whip versus
Message-ID: <AA-EE9C1FBDACD8CFF37BD38A8889181C14-ZZ@homebase1.prodigy.net>

Here's my \$0.02 worth, Vince, on the Miracle Whip antenna versus whatever else.

First of all, it's *probably* a better air-cooled dummy load than those Isotron antennas, and not as good as a well-loaded bedspring or window screen antenna.

Are you really *sure* your vacation landlord would mind a single, slim, unobtrusive (dang -- that's polysyllabic word!) wire in the tree(s)? If you do a good job of routing that RG-58 across the lawn to the base of a [say] 20M vertical and groundplane elements in the tree(s), I doubt he would even notice for the brief time you're there. If he does, then you can easily remove it-- you can stall for about a week, can't you?

You can get all mealy-mouthed, kow-tow (you do speak Chinese, don't you?) to the landlord, make all kinds of promises, et cetera, and on the last day, take down the antenna, roll it up, pack up the family and just go home, happy, happy, happy (as Emeril Lagasse would say)....

Karl K - W8TIF
McKinney, Texas

--- Original Message ---

From: "Vincent A. Santis" <vsantis@earthlink.net>

To: <qrp-1@Lehigh.EDU>

Subject: Miracle Whip consensus

>Hi,

>Well, the consensus on the Miracle Whip is to save my money or settle for a 50 ohm resistor. That being the case let me kick it up a notch.<snip>

Date: Wed, 20 Mar 2002 19:41:58 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-1@Lehigh.EDU>, "QFOX@egroups.com" <QFOX@egroups.com>
Subject: [122726] CFNO 2002 -RESULTS
Message-ID: <3C992C56.3B3F6E5B@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well folks I must say the band was in ruff shape, lots of noise. I wagged my bushy tail on 7.102 and yelped at you pesky hounds, but not much action, guess my scent was too weak for y'all to get a good whiff of.

Anyway, worked 18 stations. And my average was 4.1.

I want to thank Rich, N0EAX for teh kind words, and happy to be your

first FOX, and second QRP qso, the QSL card is in the mail today.

This is what Rich wrote:

Fred,

Thank you very much for operating the Foxhunt on the Novice Band. You were my first contact ever in a Foxhunt and the second contact that I have ever made running 5 watts. I appreciate it that you would operate on frequencies that Technicians like myself are restricted to. I have been a ham for 8 months and will soon receive my General license but still feel more comfortable with the slower code speeds on these frequencies. I also contacted Rick-W0IS just after you. You guys have made me a convert to QRP TONIGHT!

Thanks again,

Rich Glassner

N0EAX

Again thanks one and all for a great season, and look forward to meeting you again next season.

Now, the envelope please....

200	N0EAX	559	MO	RICH	5
203	K0EVZ	589	ND	DOC	5
218	WR50 449	TX	DAVE	5	
223	KC9LC	559	VA	RANDY	5
228	WV9N 559	OH	RANDY	1	
230	K5DW 559	TX	DON	5	
233	KB0LUR	599	CO	PAUL	1
235	KB9ZUV	599	IN	GARY	4
239	AF4PS	569	FL	MAC	3
247	AA9WP	599	WI	DON	5
255	W0IS 599	MN	RICK	5	
257	WB6BWZ	559	GA	MATT	5
259	K9IUA	559	IA	KEVIN	5
301	WB8WTU	559	OH	DENNIS	5
303	WA8BXN	599	OH	MIKE	5
315	WA9TZE	559	WI	JIM	2
322	NK9G 559	WI	RICK	5	
335	N10DL	559	NH	ARON	4

73

Fred

Date: Wed, 20 Mar 2002 19:42:58 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: fxttech@earthlink.net,

Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [122727] Re: One tube transceiver ?
Message-ID: <012601c1d071\$59228180\$7101a8c0@lwrnce01.in.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

...and this circuit is why I love the 3A5 tube so much!

I gave away a LOT of NOS Sylvania JAN 3A5 tubes and sockets over on the QRPp-I list a while back for a 3A5 tube QRP project. Lots of people built a 3A5 transmitter or a 3A5 TX/RX like that Weskit. Check the archives for more information on what folks have done.

73/72/71! de Brice KA8MAV
<http://www.QRPp-I.com>

----- Original Message -----

From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 20, 2002 7:17 PM
Subject: Re: One tube transceiver ?

> Hehehe...kinda looks like a 1956 version of the pixie with an MP-1
attached! ;-)

>

> 72/73's

> Trev

> KG6CYN

> ----- Original Message -----

> From: Mike Manship <mjmanship@iquest.net>

> Date: Wed, 20 Mar 2002 19:02:14 -0500

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Subject: Re: One tube transceiver ?

>

>

> > <http://www.sky.net/~swheaton/bn1.html>

> >

> >

>

> --

>

>

>

Date: Wed, 20 Mar 2002 19:21:50 -0500
From: Donn Kuse <casey.jay@gte.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122728] Harbor Tool Hand punch
Message-ID: <3C99279E.5B870C3F@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just thought I'd pass on to those Manhattan style builders, I just received the new Harbor Tool Hand Punch #44060. I haven't used it yet, just got it, but was impressed with the tool. Time will tell as I try using it! It's a heavy one with 7 different size punch and die sets.
72/73 Donn, WB4ZWT
66 and still learning

Date: Wed, 20 Mar 2002 19:47:36 -0500
From: David Porter <aa3ur@comcast.net>
To: mjmanship@iquest.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122729] Re: One tube transceiver ?
Message-ID: <016f01c1d071\$ff57a3a0\$927ba8c0@jamison1.pa.home.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I've actually SEEN one of these things. I passed it up at an auction in the early sixties. It seemed pretty flimsy and light at the time. Just the thing for today!

David Porter AA3UR
aa3ur@comcast.net

----- Original Message -----

From: "Mike Manship" <mjmanship@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 20, 2002 7:02 PM
Subject: Re: One tube transceiver ?

> <http://www.sky.net/~swheaton/bn1.html>
>

Date: Wed, 20 Mar 2002 16:48:29 -0800
From: Stephen Hawkins <grayline@mindspring.com>
To: wd8civ@worldnet.att.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [122730] Re: Tinning Torroids
Message-ID: <E16nqkQ-00070A-00@blount.mail.mindspring.net>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

QRP,

GC Electronics makes a product called "Strip-X" just for this purpose. Lay down a piece of wax paper. With the applicator attached to the cap put a little Strip-X on the end of the leads. Then lay the wound toroid down on the wax paper. In a few minutes take a tissue and wipe the Strip-X and the insulation off.

73 49 111 0100 1001
Steve WV6U
grayline@mindspring.com

On Wednesday 20 March 2002 02:53 pm, David Hinerman wrote:

> At 04:33 PM 3/20/02 -0500, you wrote:
> >Has anyone tried using your wife's nail polish remover to remove the
> > enamel coating on magnet wire? I'm not asserting that it would work, and
> > I don't have anything to test it with in front of me at the moment---just
> > an idea.
>
> Roy,
>
> I have. It's not that kind of enamel...
>
> >Of course, maybe you have your OWN polish remover, but we won't go
> >there.....
>
> ...and I'm not that kind of guy. (grin)
>
> Dave
>
>
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net

Date: Wed, 20 Mar 2002 19:55:02 EST
From: Schunn99@aol.com
To: qrp-1@lehigh.edu
Subject: [122731] paddles?
Message-ID: <16e.aa06346.29ca8966@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

hi, guys
is it harder to learn to send cw on a set of paddles than a straight key?
what is the cheapest paddle you can buy?
Scott Hunnicutt
Kg4oqu

Date: Wed, 20 Mar 2002 19:02:28 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122732] RE: Miracle Whip Antenna
Message-ID: <01C1D041.C895D9C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Sometimes I think what we need for our various gatherings at the [QRP]-cons around the country is a dinky antenna for hotel room-to-room QSOs as we play with the rigs we've brought to show off. Maybe the Miracle Whip is the answer to that application.

72--Nick, WA5BDU

--

Heck, send me the ridiculous price they are asking for the Miracle Whip, and I'll send you a dozen 50 ohm resistors. !

What a deal!

John L Sielke W2AGN

Date: Wed, 20 Mar 2002 15:24:30 -0500
From: Donn Kuse <casey.jay@gte.net>
To: ko4wx@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122733] Re: ALT0IDS TINS
Message-ID: <3C98EFFD.10E159C7@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,
Where do you find Whitman's Sampler tins? I found one and can't seem to find any more. Don't even remember what store I got it in. Been looking everywhere.

72,73 Donn, WB4ZWT
Haines City, FL
66 and still learning

Mike Boatright wrote:

> Ah, now you've let my secret out of the bag...why else do you think I prefer
> Whitman's Sampler tins???
>
> 72 de Mike, K04WX

Date: Wed, 20 Mar 2002 20:08:56 EST
From: W8IRQ@aol.com
To: qrp-1@lehigh.edu
Subject: [122734] WTB AEA MK1 Manual
Message-ID: <13.8728a3a.29ca8ca8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Does anyone have a manual, or a copy of one for this keyer?? Nick, W8IRQ

Date: Thu, 21 Mar 2002 01:12:30 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: Schunn99@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [122735] Re: paddles?
Message-ID: <3C99337E.36A96371@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott,

The cheapest one that I can remember seeing was made from an Old hacksaw blade, a scrap of plywood, some brass bolts, and some aluminum angle.

Free if you have a good junk box.

Art
KB7WW

Schunn99@aol.com wrote:

>
> hi, guys
> is it harder to learn to send cw on a set of paddles than a straight key?
> what is the cheapest paddle you can buy?
> Scott Hunnicutt
> Kg4oqu

Date: Thu, 21 Mar 2002 01:15:16 +0000
From: Larry Cahoon <lejek@erols.com>
To: vsantis@earthlink.net,
"Elecraft (E-mail)" <elecraft@mailman.qth.net>, qrp-l@lehigh.edu
Cc: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Subject: [122736] Re: [Elecraft] Miracle Whip consensus
Message-ID: <5.1.0.14.0.20020321005915.021d1530@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Vince,

I think you have to very different location problems. Motels and summer cottages. Seems to me you can usually do a lot more at a summer cottage than you can at most motels. So think in terms of what you can do depending on where you are. All antennas will get out, just some much better than others. Running 5 watts makes it harder, that is all.

If you have to use a short antenna, stick to the higher bands. The size constraints are not so bad there. I stay away from 80 meters for that reason, usually preferring 20 meters and up. The Miracle Whip and the

Outbacker suffer in comparison to a Hustler as they effectively put the "lumped inductance lower on the antenna. You want that as high as you can get it. The antenna will perform better. For a lot less money than either the Miiacle Whip or the Outbacker you can get a hustler coil for a few bands and a mast.

If you are sold on a vertical, I'd go the hustler route, get a mast a long as you can put up and trim the whip to get the SWR where you want it. I use two foot aluminum sections for that kind of stuff. I can just put together as many sections as I want. You will still need some kind of radials. All the mobile antennas rely on the car body to serve that purpose, so you need to replace that with something.

That is not to say the Outbacker will not get out. I've got one. I still use it around town for it ease of getting on and off the car without having to guy the thing. I've got 2xWAS mobile to mobile with the thing (at 100 watts). It does work.

At least for the summer cottage, I would think of getting one of the 20 foot fishing poles that are out there or the DK9SQ 30 ft. mast and use that to support the center of an inverted V or a dipole. I've done that and tied the mast to the deck of the cottage and run the wire out as far as I can, tied ropes to the end to go even further and stuck the ends of the ropes on a tent peg in the ground. Feed that with ladder line. That an a tuner will cover a number of bands. And unless you are at the beach it will usually do a better job for you.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Wed, 20 Mar 2002 20:16:22 -0500
From: Donn Kuse <casey.jay@gte.net>
To: Schunn99@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122737] Re: paddles?
Message-ID: <3C993465.8E66C1D8@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott,
My personal opinion is that the paddles are harder. But maybe it's because I've always used a straight key. I'm just now trying to learn to use the paddles and the hardest problem with me is to remember which one is the "dit" and which one is the "dah".

The least expensive I've seen is the MFJ Deluxe Iambic Paddle, MFJ-564. Next one up, I believe would be the Bencher. This paddle bit is new to me too. Others may have different opinions. Guess it's whatever you start off learning with.

72,73 Donn, WB4ZWT

66 and still learning

Haines City, FL

Schunn99@aol.com wrote:

> hi, guys
> is it harder to learn to send cw on a set of paddles than a straight key?
> what is the cheapest paddle you can buy?
> Scott Hunnicutt
> Kg4oqu

Date: Wed, 20 Mar 2002 19:23:49 -0600
From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: <qrp-l@lehigh.edu>
Subject: [122738] Beacons
Message-ID: <011d01c1d077\$0f1981a0\$2b6cfea9@halpc.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am aware of the NCDXF beacons on 14.100 but wondered if there were any beacons on 20 meters lower than 14.080 (the high end of my rig)?

Thanks,
Pat - KZ5J

Date: Wed, 20 Mar 2002 20:32:04 -0500
From: "KU4YP" <ku4yp@earthlink.net>
To: <Schunn99@aol.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [122739] Re: paddles?
Message-ID: <000e01c1d078\$369d0e80\$5736193f@ku4yp>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

scott,

the responses you get to this will be almost certainly be preference. i learned how to send code on a straight key. in fact, i don't even own any paddles. i tried them a few years ago and found myself going back to the straight key because it was more comfortable to ME. so, to answer the question, it was more difficult for me to use the paddles, but only because i have learned and used a straight key.

after a certain higher code speed, i am sure the straight key would be very difficult due to hand movement. however, me not being a speed demon, they work fine.

the paddles i tried a few years ago were mfj. they could have been made by anybody and i don't think i would have liked them.

73 de KU4YP "There is no spoon....."
Mike Prevatt
Willow Oak, Florida
Amateur Radio Operator
Active HF/VHF/UHF/Digital/QRP
Homepage: <http://home.earthlink.net/~ku4yp>

Date: Wed, 20 Mar 2002 17:50:48 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <vsantis@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [122740] Re: Miracle Whip consensus
Message-ID: <005501c1d07a\$d352efe0\$2298b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Vince,

Typically when I go to WI on business I string a dipole between a couple of trees out the back of the hotel, and have never had any problem. Now, this may not be the norm. I've also had very good luck with the Super Antenna's MP-1 on 20 through 10 with a 2' hustler lower section replacing the stock one. My YL has a condo, and although I do string magnet wire antennas up there that work well, sometimes I don't have

enough time to do that and just want to fire up the rig and have a QSO.
I've worked Japan regularly at 2.5 watts feeding the MP-1 on 10 meters
from her condo in Long Beach. I haven't had much luck on the lower bands
as I think the efficiency is pretty low. There was a review in QST a
few months back.

72/73's
Trev
KG6CYN

----- Original Message -----

From: Vincent A. Santis <vsantis@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 20, 2002 4:15 PM
Subject: Miracle Whip consensus

> Hi,
>
> Well, the consensus on the Miracle Whip is to save my money or settle
for
> a 50 ohm resistor. That being the case let me kick it up a notch.
> How about the Alpha Delta Joey? I'm looking for an antenna I can use
in
> Motel rooms and rented summer cottages where throwing wire up in
trees
> might be frowned on by the property owner.
>
> Thanks again,
>
> Vince Santis, N1VS
> Winsted, CT
> NEQRP # 598
> PRP-L # 2372
> FISTS# 8053
> CC # 1161
>
>

Date: Wed, 20 Mar 2002 20:40:35 -0500
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [122741] Re: ALTOIDS TINS
Message-ID: <3.0.6.32.20020320204035.0079e5b0@postoffice.worldnet.att.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:24 PM 3/20/02 -0500, you wrote:

>Mike,
>Where do you find Whitman's Sampler tins? I found one and can't seem to find
>any more. Don't even remember what store I got it in. Been looking
everywhere.

I've found them the most reliably at chain drugstores like CVS or Rite-Aid.
There's usually an endcap shelf with various Whitman products.

Now and then our local chain grocery (Wegman's in upstate NY) has them in
the checkout aisle, but it varies by individual store (and aisle).

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 20 Mar 2002 20:56:51 -0500
From: "G. F. Lofstead" <w3cde@bellsouth.net>
To: mnewell1@austin.rr.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122742] Palm PDA to FT-817 Connection "CT Cable"
Message-ID: <20020321015651.BNKM8136.imf12bis.bellsouth.net@localhost>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Has anyone looked into the CT cable to see what YAESU is using for a "level
Converter"??? i.e. build your own.

Jerry
W3CDE
Atlanta, GA

Date: Wed, 20 Mar 2002 20:05:45 -0600

From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [122743] RE: paddles?
Message-ID: <01C1D04A.9FC61240.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I used a straight key for a couple years, then a bug for 8 or 10 more, then a keyer (e.g.--'paddles') for the next 30. Each change was greatly for the better and each transition was made smoothly.

I do think (personal prejudice?) that everyone ought to be able to send with a straight key. And I also think there's probably a lower limit of speed where a keyer may be harder to use. You're actually waiting for elements to complete and can't develop a rhythm. I'd advise using a straight key until you find yourself operating at a speed where it's uncomfortable to send with the hand key. (Maybe 15+ ???) Then move to the keyer.

72 es GL--

Nick, WA5BDU

-----Original Message-----

From: KU4YP [SMTP:ku4yp@earthlink.net]

the responses you get to this will be almost certainly be preference. i learned how to send code on a straight key. in fact, i don't even own any paddles. i tried them a few years ago and found myself going back to the straight key because it was more comfortable to ME. so, to answer the question, it was more difficult for me to use the paddles, but only because i have learned and used a straight key.

Date: Wed, 20 Mar 2002 18:21:43 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [122744] QST Pictures
Message-ID: <017701c1d07f\$24e7f590\$2802a8c0@RAMcCarty>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Well, I finally got my April issue of QST. Making no excuses for being a proud Papa, I hope many of you had a chance to see my Son's drawings in the "Up Front" section. In particular, the Tuna Tin II may be of interest to some of you.

As good as the magazine reproductions are, the actual images are that much better. See them at;

<http://home.earthlink.net/~rmccarty/>

Some of the resolution is lost even here, as I have JPG'd the original BMP's to allow a reasonable download. An extra image is included, the wallpaper for my Ham shack computer he drew for me.

If any of you are so inclined and wish to help him continue his interest and enthusiasm in these pursuits, please drop him an e-mail at; freejack2@netzero.net

Thanks

73

Roger KD6CC

Human Character is not exempt from the effects of entropy.

Commitment and continuous maintenance of higher personal standards...,

the only solution. {R.A.Mc.}

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.332 / Virus Database: 186 - Release Date: 3/6/2002

Date: Wed, 20 Mar 2002 21:24:52 -0500

From: Bob Mason <skydive@usa.net>

To: qrp-1@Lehigh.EDU

Subject: [122745] RE: paddles?

Message-ID: <NFBBLFFOILIDGGKFDNEBCEFNCDAAskydive@usa.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Havn't really been following this thread, but read a comment about the lower limit where a keyer is actually harder to send with...

Here goes my old fart routine: I send with a straight key for about 2 years, then with a bug for the next 32. I have never tried sending with a keyer (although I probably will, off air, when the K1 gets here). My thought is that there are entirely too many people trying to use keyers who have absolutely no business doing so yet. Until someone has a grasp of the sound of the code, they seem to be reacting to what the keyer does, rather than the keyer reacting to them. The result is all the extra letter elements that make copying so much fun.

As an absolute minimum (this is an opinion here, no real proof) nobody should be using a keyer at any speed until they can copy in their sleep at least 5 words per minute faster than they will be trying to send. I would prefer a 10 wpm margin. In this way, the op would be reasonably comfortable with the sound, and not be attempting to count dits and dahs as the keyer tries to outrun them.

A lot of people are under the impression that they can send faster than they can copy. Maybe they can generate code faster than they can copy, but will anybody else be able to copy it?

Everybody try this (I did a couple years ago, and the results were upsetting to say the least):

Grab your tape recorder and send about 5 minutes of text into it at the fastest speed you send on the air. Then send some random groups of different lengths. Send it from a page you have written down so you can check yourself later. The random groups are extremely important as you won't be able to anticipate them later. the different length groups are important, because you have to be able to find your word / group breaks later. Wait a couple days, then play the tape and write down what you hear. If you can't make a perfect copy of what you sent, then probably others can't either. I flunked this a couple years ago when I thought I was sending great. I hope I've improved since then.

The above test applies to whatever kind of key your using. Not just keyers... there's a lot of crappy bug and straight key sending out there too.

73 / 72

Bob WB8CAC

Date: Wed, 20 Mar 2002 21:41:55 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jona1.net, qrp-1@lehigh.edu
Subject: [122746] NEQRP CW Net, 21 March 2002, 8:30PM EST, 3.565 MHz
Message-ID: <3C994873.2090607@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 21 March 2002, at 8:30 PM EST (0130Z, 22 Mar 02) on or near 3.565 MHz. Net control operator for this week's session will be Chuck, K1CL, operating from Chelmsford, MA.

Last week's net op was John, WB1HBE, in Chelmsford, MA. John's report:

"The net lasted about 50 minutes with 9 qni's as follows:

AA5JO	Ed	Tyngsboro, MA	599
W4MQC	Alan	Harvard, MA	599
K1CL	Chuck	Chelmsford, MA	599
VE3SP	Ron	Hamilton, Ont	579
AA1UE	Gary	Springfield, MA	449
KR2K	Vinnie	Mt. Tremper, NY	599
W1CFI	Paul	Falmouth, MA	599
K1RC	John	Dracut, MA	599
N1ZSW	Ron	Worcester, MA	599
WB1HBE	John	Chelmsford, MA	net op

Thanks to all, sigs were good tonite. 72, John WB1HBE"

Hope to hear you all again this Thursday.

72 DE K1CL,
Chuck.

Date: Wed, 20 Mar 2002 22:07:31 -0500
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: qrp-1@Lehigh.EDU, elecrafter@mailman.qth.net

Subject: [122747] K9DC K2 to Korea
Message-ID: <5.1.0.14.2.20020320214447.02c27020@172.22.1.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I just received word that I have been issued a license by the South Korea government. I will be able to set up and operate from Shalom House, a United Methodist project in Dongducheon, Korea, while I am there from April 1 through April 12. I will be packing my K2 and a big wad of wire for the trip!

I don't know much about my schedule yet, but the most likely time to get on the air will be evenings Korea time (GMT +9).

Listen for a teeny sig from HL2/K9DC, CW, PSK, SSB, on any band I can hear signals.

Many thanks to Lee HL1IWD for encouraging me to bring a radio!

-Dave

=====
Dave Gingrich, K9DC - Indianapolis, Indiana USA
K2 #2211, K1 #931, QRP-L #2376, ARS #1109,
FPQRP #389, IRLP #473, k9dc.ampr.org, CCIE #6748
=====

Date: Thu, 21 Mar 2002 03:12:31
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [122748] Re: FT-243 versus FT-241
Message-ID: <F51p7vXee4fDGC19Fop00018080@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

(face red) I checked my crystals and found that they are, in fact, same pin spacing as my FT-243s. I don't know where I came up with this questionable misinformation. Looks like 0.486" spacing and 0.095" dia. pins.

Regards,

Brad KG6IOE

Pete Burbank (plburbank@kih.net) wrote:

>Just miked the pins and they are the same spacing and diameter as a FT-243
>... 73 Pete NV4V

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Wed, 20 Mar 2002 21:11:09 -0600
From: "Doc Lindsey" <lindsey425@cs.com>
To: "QRP Reflector" <qrp-l@lehigh.edu>
Subject: [122749] FW: WTB: Sierra 30-Metre module
Message-ID: <NFBBLNBGKLJALOIPFPJOMEADCAAA.lindsey425@cs.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Doc Lindsey [mailto:lindsey425@cs.com]
Sent: Wednesday, March 20, 2002 8:53 PM
To: qrp-l@lehigh.edu
Cc: lindsey425@cs.com
Subject: WTB: Sierra 30-Metre module

Gang:

Would like to buy a fully assembled and working 30-Metre module for a Sierra? Anyone have one you would sell? Please let me know. Thanks in advance.

73,
--Doc/K0EVZ

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

Date: Wed, 20 Mar 2002 21:11:13 -0600
From: "Doc Lindsey" <lindsey425@cs.com>
To: "QRP Reflector" <qrp-l@lehigh.edu>
Subject: [122750] FW: K1 for trade
Message-ID: <NFBBLNBGKLJALOIPFPJOAEAECAAA.lindsey425@cs.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Doc Lindsey [mailto:lindsey425@cs.com]
Sent: Wednesday, March 20, 2002 8:54 PM
To: robert.parks11@gte.net
Cc: lindsey425@cs.com
Subject: RE: K1 for trade

Tony: Did we ever talk about a possible trade? I am frankly looking
for a 4-band K1 complete with builtin ATU. Please let me know. Thanks.
73,
--Doc/K0EVZ

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Tony Parks
Sent: Sunday, March 17, 2002 4:05 PM
To: Low Power Amateur Radio Discussion
Subject: K1 for trade

Sender: owner-qrp-l@Lehigh.EDU
Received: from astro.CC.Lehigh.EDU (astro.CC.Lehigh.EDU [128.180.39.2])
 by siaag2af.compuserve.com (8.9.3/8.9.3/SUN-1.12) with ESMTP id RAA18004
 for <70511.3041@compuserve.com>; Sun, 17 Mar 2002 17:04:56 -0500 (EST)
Received: from localhost.localdomain ([127.0.0.1]:785 "HELO
 astro.CC.Lehigh.EDU") by astro.CC.Lehigh.EDU with SMTP
 id <S379001AbSCQWE0>; Sun, 17 Mar 2002 17:04:26 -0500
Received: from rain.CC.Lehigh.EDU ([128.180.39.20]:2228 "EHLO

rain.CC.Lehigh.EDU") by astro.CC.Lehigh.EDU with ESMT
id <S376931AbSCQWE0>; Sun, 17 Mar 2002 17:04:14 -0500
Received: from out018.verizon.net (out018pub.verizon.net [206.46.170.96])
by rain.CC.Lehigh.EDU (8.12.2/8.12.2) with ESMT id g2HM4DEV019626
for <qrp-l@Lehigh.EDU>; Sun, 17 Mar 2002 17:04:14 -0500
Received: from 3dse0 ([63.36.211.184]) by out018.verizon.net
(InterMail vM.5.01.04.05 201-253-122-122-105-20011231) with SMTP
id <20020317220412.JZWP20881.out018.verizon.net@3dse0>
for <qrp-l@Lehigh.EDU>; Sun, 17 Mar 2002 16:04:12 -0600
Message-Id: <001701c1ce00\$967d4b00\$b8d3243f@3dse0>
Date: Sun, 17 Mar 2002 17:10:43 -0500
Reply-To: robert.parks11@gte.net
Sender: owner-qrp-l@Lehigh.EDU
Precedence: bulk
From: "Tony Parks" <robert.parks11@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: K1 for trade
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-To: <qrp-l@Lehigh.EDU>
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 5.50.4133.2400
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

I am just finishing a K1-4 (40,30,20 and 15) with KAT1. At this point the K1 is working well and the KAT1 is built and needs to be installed. My kit building experience in the last 18 months includes a NC40A, two K1 and a K2. Building Elecraft kits has been a lot of fun and I would be happy to trade the K1-4/KAT1 I am just finishing for the un-built kits, K1-4 and KAT1.

Please send me an e-mail directly if you are interested.

73,
Tony
KB9YIG

Incoming mail is certified Virus Free.
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Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

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Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

Date: Wed, 20 Mar 2002 21:11:07 -0600
From: "Doc Lindsey" <lindsey425@cs.com>
To: "QRP Reflector" <qrp-l@lehigh.edu>
Cc: <lindsey425@cs.com>
Subject: [122751] For Sale - NC-40a QRP rig
Message-ID: <NFBBLNBGKLJALOIPFPJOKEADCAAA.lindsey425@cs.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

Have for sale my Norcal NC-40a QRP transceiver. Rig is fully loaded,
complete with 10-turn main tuning knob and KC-1 keyer/frequency indicator.
Is a 10 both electrically and cosmetically. Meticulously cared for.
\$145.00 which includes shipping in CONUS.

73,
--Doc/K0EVZ

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

Date: Wed, 20 Mar 2002 21:11:05 -0600
From: "Doc Lindsey" <lindsey425@cs.com>
To: "QRP Reflector" <qrp-l@lehigh.edu>
Cc: <lindsey425@cs.com>
Subject: [122752] For Sale - SST-20 QRP rig
Message-ID: <NFBBLNBGKLJALOIPFPJOIEADCAAA.lindsey425@cs.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

For Sale - excellent SST-20 transceiver. Two full watts out. Excellent condition, electrically and mechanically. Tunes from 14.062 - 14.068 using the two optional crystals. Is a proven DXer and has done well in the ARS Sprints the last year. \$90.00 including documentation and shipping to CONUS.

73,
--Doc/K0EVZ

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

Date: Wed, 20 Mar 2002 19:26:01 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122753] DX - VP6DI on 10M
Message-ID: <000601c1d088\$217f3900\$af25cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

VP6DI at 720pm PST ((0320 z)) was transmitting on 28.495 mHz and listening 28.500-28.510. I worked him QRP at 28.505 ssb

There have been huge pileups on his frequencies on 10M and 15M for the last 3-days... tonight there seemed to be no more than 3-4 people waiting. If you have not worked him, you might try now.... this is the first time Ducie Island has been active, and it is a long boat ride away from the next closest amateurs. Hard telling when anyone will be back.

The current DXpedition is expected to continue until one week from today. QSL via VE3H0.

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Wed, 20 Mar 2002 21:21:49 -0600
From: "Doc Lindsey" <lindsey425@cs.com>
To: "QRP E-Mail Reflector" <qrp-1@lehigh.edu>
Subject: [122754] Testing Outlook Express
Message-ID: <NFBBLNBGKLJALOIPFPJOEEAECAAA.lindsey425@cs.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Testing Outlook Express. Fingers crossed...

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

Date: Wed, 20 Mar 2002 21:32:05 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: n3aaz-qrp@juno.com,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [122755] Re: Degauss BALUN cores [demagnetize toroids]
Message-ID: <3.0.2.32.20020320213205.006a42a4@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All,

Most likely, iron powder toroids are damaged by overheating. In this case, demagnetizing won't help and replacement is required. Iron powder retains very little charge when a DC voltage is applied to the winding. The material used for iron powder breaks down with heat though.

With ferrite, the material will retain a charge when a DC voltage is applied. This magnetizing also changes the inductance. The ferrite cores can be demagnetized by passing them through an AC field -- usually 60 Hz. I use my old weller soldering gun and pass the smaller ones through the electrodes that holds the tip. Don't turn the gun off while the core is in the field. Pass it through evenly and in a continuous motion.

Note that you can also magnetize a ferrite core by placing it next to a strong magnet like those found on speakers.

A pet peeve: deGaussing is incorrect. That would be like deOhming or

deAmping a circuit. Demagnetizing is correct.

Chuck Carpenter, W5USJ, Point, Rains Co, TX EM22cv, NE-TX QRP #1

Date: Wed, 20 Mar 2002 22:28:30 -0500
From: w4clm.ham@juno.com
To: qrp-l@Lehigh.EDU
Subject: [122756] I do recall a transmitter circuit somewhere that used the 50L6 or 50C5 as an oscillator or rf amp...
Message-ID: <20020320.223113.4092.1.w4clm.ham@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I do recall a transmitter circuit somewhere that used the 50L6 or 50C5 as an oscillator or rf amp...John Farler <jfarler@peoplepc.com>

John. Your comment struck a note with me. I remember as a youngster my dad was trying to get me into ham radio we built up something like this using a 50C5 and if I recall it ran about 7 or 8 watts out... maybe more as MOPA -- Using a 50C5 tube and a large 15 or 20 watt resistor in the filament of the tube to suck up the remaining difference in line voltage of the tube filament . The tank circuit was wound on a pill bottle. It used the line current directly out of the wall for B+ and if you plugged it in the wall the wrong way -----P00000FFFF went the rectifiers.... Man was it good fun ----Poooooooooooooooooooo But I remember having made some contacts with it. I had it on 40 meter CW. Wish I could find that schematic again. I haven't seen it in years!
Regards to the group
Carol
W4CLM

Date: Wed, 20 Mar 2002 21:39:29 -0600
From: "N1LN" <n1ln@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [122757] PESKY TEXAN ARMADILLO CHASE - update March 20
Message-ID: <010e01c1d08a\$02556660\$4d5ffea9@im02>

MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey there all you Chasers ! ! !

Check out the Web site for the current standings of the Hound / Chasers that have mailed in their logs.

If you want to enter your Hound / Chaser log and get a Clean Sweep Certificate -
please send along your log and \$ 1.00.

N1LN - Bruce
15283 Runnymede St.
Conroe, TX 77384

Also see how the Armadillos did.

<http://www.k5vuu.com/ptac>

72 -
Bruce / N1LN

Date: Wed, 20 Mar 2002 22:45:16 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122758] Urologist's Antenna Advice
Message-ID: <002901c1d08a\$d0f9f170\$ef5f6fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

About antenna comparisons:

A guy goes to the urologist and says he thinks he needs a prescription for Viagra.

"Tell me about it," says the doc.

"I usually can only have sex with my wife two or three times in one night."

"Is that a problem?"

"My brother-in-law says he usually can go five or six times a night."

"Can't you say the same thing?"

Date: Wed, 20 Mar 2002 22:31:49 -0500
From: Radioham <radioham@comcast.net>
To: "Elecraft (E-mail)" <elecraft@mailman.qth.net>
Cc: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Subject: [122759] Re: Miracle Whip consensus
Message-ID: <5.1.0.14.0.20020320222640.00a08e40@mail.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

My experience in hotels has been disappointing, no matter how high a floor I am on - there is nothing you are going to be able to do to get a decent signal out of a hotel room where the windows don't open. If you can't toss a wire out the window, just bring a HT and operate on 2 meters - last time I did that I worked a guy in New Zealand, Of course he was on the local repeater via the internet :-).

Taping wires to the windows, using a mobile vertical, etc. indoors result in OK RX, but no real radiated signal. I have just given up in situations like that - it's not worth the effort. But, if you can get outside, the possibilities are endless.

72/73,

Steve, N4EUK
Reston, VA

Date: Wed, 20 Mar 2002 22:00:51 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Radioham" <radioham@comcast.net>,
"Elecraft \ (E-mail\)" <elecraft@mailman.qth.net>
Cc: "QRP List \ (E-mail\)" <qrp-l@lehigh.edu>
Subject: [122760] Re: [Elecraft] Re: Miracle Whip consensus
Message-ID: <006a01c1d08c\$fe291a70\$4e100a0a@rohredt2000>

There is one way to get a signal out of a window of a high rise. My Mitsuho HT built in whip was used DIAGONALLY in a non coated window, to work Japan on 2w SSB from Mustang Island, Tx.(Gulf of Mexico).

But, if they have reflective solar film on the window, this may not work.

72,
Stuart K5KVH

Date: Wed, 20 Mar 2002 22:11:21 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "Pigs" <fpqrp-l@mpna.com>
Subject: [122761] Latest Junkbox List
Message-ID: <001101c1d086\$14048480\$21492bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Junkbox Surplus Parts for Sale as of 03/20/01

=====

LM78L62ACZ Volt regulators, T092 format 5/\$3.00 10/\$5.00
6.2 Vdc

SMT2222's - Surf Mount 2N2222 NPN's - 200/\$5
SMT4403's - Surf Mount 2N4403 PNP's - 200/\$5

470pf 5% surf mount caps - 200/\$5
1000pf 20% surf mount caps - 200/\$5

9.8304 Mhz Crystals, 1/4 in tall - I have 500 - make me an offer.

27mH inductors with radial leads - I have 1000 - make me an offer.

2SC2078 Power Amps - 5/\$15

=====

Caps

=====
NEW .1 uF Poly/Film caps - 10% 250v, new stock, paper tape, nice
long leads. These are not NPO and are made by S&M Components

50/\$3.00 or 100/\$5.00

NOS .01 uF ceramic caps, 10% 100v brand new by Kyocera
50/\$3 or 100/\$5

NOS 1000pf blue mono caps, 10% 100v
50/\$3 or 100/\$5

NOS 470pf ceramics on paper tape, rated 5% (NPO)
50/\$3 or 100/\$5

NOS 12pf NPO ceramics on tape
50/\$4 or 100/\$7

Voltage Regulators

=====

L7805ACV voltage regulators T0220 case. 5 for \$4.00
L7806CV voltage regulators. T0220 case. 5 for \$4.00
LM7812T voltage regulators. T0220 case. 5 for \$4.00

LM317T Adjust. Positive Voltage Regulator T0220. 6 for \$5.00

Key/Headphone Jacks

=====

These are 3.5mm female stereo PCB mount jacks. Can be used in
ugly/manhattan building projects with no problems.
3/\$1.35 (or send a buck and a stamp)

Transistors

=====

TP2222 plastic T092 NPN - NEW PARTS (House brand 2N2222)100/7.50
50/4.00
2N3906's plastic T092. PNP - 50/4.00 NEW PARTS
2N3704's plastic T092, NPN - 50/4.00 NEW PARTS
2N7000 MOSFET - 5/\$2

IRF540's TMOS Power FET, N-Channel, 27A, 100v RDS(on) = .070 Ohms
<http://www.onsemi.com/pub/Collateral/IRF540-D.PDF>
for data sheet - \$1.00 each.

BC847B - Surface Mount NPN's, general purpose
CBO = 50v, CEO = 45v, EBO = 6v, Collector Current Max = 100 mA,
electrical characteristic curves for this unit are the same as the
PN2222A, SST222A, MMST2222A, and UMT222A transistor. These are new
stock, on SM tape.
100pcs/\$3.00 200pc/\$5.00

Op AMPS, Comparators

=====

LM741CN - Single Op Amp, 8 Pin Dip, 4 for \$2.00

<http://www.hep.ph.ic.ac.uk/~hallg/Instrumentation/Data/LM741.pdf>

BA4558 - Dual Op Amp, 8 Pin Dip, 4 for \$2.00

<http://www.rohm.com/products/databook/standard/pdf/ba4558.pdf>

BA10324 - Quad Ground Sense Op Amp 14 pin, 4 for \$2.00

<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA10358 - Dual Ground Sense Op Amp, 8 pin, 4 for \$2.00

<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA10393 - Dual Comparator 8 pin dip, 4 for \$2.00

<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA10339 - Quad Comparator 14 pin, 4 for \$2.00

<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA4560 - Dual High Slew Op Amp, 4 for \$2.00

<http://www.rohm.com/products/databook/standard/pdf/ba4560.pdf>

Diodes

=====

1N4148 - You always need these. 75 for \$2.00 These are NEW.

Let me know if you're interested. All prices are post paid to the USA, unless otherwise noted. I will ship to non USA addresses but we need to discuss the shipping charges first.

Date: Wed, 20 Mar 2002 22:30:42 -0500

From: "Brian Murrey" <brian@iquest.net>

To: "Pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [122762] JunkBox Parts Update - For Sale

Message-ID: <002101c1d088\$c8a94270\$43532bd1@bmurrey2K>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Junkbox Surplus Parts for Sale as of 03/20/01

=====

NEW stuff!!

LM78L62ACZ Volt regulators, T092 format 5/\$3.00 10/\$5.00
6.2 Vdc

SMT2222's - Surf Mount 2N2222 NPN's - 200/\$5
SMT4403's - Surf Mount 2N4403 PNP's - 200/\$5

470pf 5% surf mount caps - 200/\$5
1000pf 20% surf mount caps - 200/\$5

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27mH inductors with radial leads - I have 1000 - make me an offer.

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=====

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NOS 1000pf blue mono caps, 10% 100v
50/\$3 or 100/\$5

NOS 470pf ceramics on paper tape, rated 5% (NPO)
50/\$3 or 100/\$5

NOS 12pf NPO ceramics on tape
50/\$4 or 100/\$7

Voltage Regulators

=====

L7805ACV voltage regulators T0220 case. 5 for \$4.00
L7806CV voltage regulators. T0220 case. 5 for \$4.00
LM7812T voltage regulators. T0220 case. 5 for \$4.00

LM317T Adjust. Positive Voltage Regulator T0220. 6 for \$5.00

Key/Headphone Jacks

=====

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3/\$1.35 (or send a buck and a stamp)

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=====

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50/4.00

2N3906's plastic T092. PNP - 50/4.00 NEW PARTS

2N3704's plastic T092, NPN - 50/4.00 NEW PARTS

2N7000 MOSFET - 5/\$2

IRF540's TMOS Power FET, N-Channel, 27A, 100v RDS(on) = .070 Ohms
<http://www.onsemi.com/pub/Collateral/IRF540-D.PDF>
for data sheet - \$1.00 each.

BC847B - Surface Mount NPN's, general purpose
CBO = 50v, CEO = 45v, EBO = 6v, Collector Current Max = 100 mA,
electrical characteristic curves for this unit are the same as the
PN2222A, SST222A, MMST2222A, and UMT222A transistor. These are new
stock, on SM tape.
100pcs/\$3.00 200pc/\$5.00

Op AMPS, Comparators

=====

LM741CN - Single Op Amp, 8 Pin Dip, 4 for \$2.00
<http://www.hep.ph.ic.ac.uk/~hallg/Instrumentation/Data/LM741.pdf>

BA4558 - Dual Op Amp, 8 Pin Dip, 4 for \$2.00
<http://www.rohm.com/products/databook/standard/pdf/ba4558.pdf>

BA10324 - Quad Ground Sense Op Amp 14 pin, 4 for \$2.00
<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA10358 - Dual Ground Sense Op Amp, 8 pin, 4 for \$2.00
<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA10393 - Dual Comparator 8 pin dip, 4 for \$2.00
<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA10339 - Quad Comparator 14 pin, 4 for \$2.00
<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA4560 - Dual High Slew Op Amp, 4 for \$2.00
<http://www.rohm.com/products/databook/standard/pdf/ba4560.pdf>

Diodes

=====

1N4148 - You always need these. 75 for \$2.00 These are NEW.

Let me know if you're interested. All prices are post paid to the USA, unless otherwise noted. I will ship to non USA addresses but we need to discuss the shipping charges first.

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

Date: Wed, 20 Mar 2002 23:27:56 -0500
From: w4clm.ham@juno.com
To: jstamper@shentel.net
Cc: qrp-1@Lehigh.EDU
Subject: [122763] Re: I do recall a transmitter circuit somewhere that used the 50L6 or 50C5 as an oscillator or rf amp...
Message-ID: <20020320.232756.4092.4.w4clm.ham@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

YES -- I THINK YOU ARE RIGHT, IT MAY VERY WELL HAVE BEEN A 117LGT
NOW THAT YOU BROUGHT IT UP!!! That would explain the line voltage used
directly into the tube. I remember it ran E-X-T-R-E-M-E-L-Y HOT.
So then the question is, how do we find it again ?
Thanks
Carol
W4CLM

On Wed, 20 Mar 2002 22:59:14 -0500 "Jim Stamper" <jstamper@shentel.net>
writes:
> Wasn't there one with a 117L7-GT or something like it?
>

Date: Thu, 21 Mar 2002 04:51:38 +0000

From: jacksonharbor@att.net

To: qrp-1@lehigh.edu

Subject: [122764] RE: I do recall a transmitter circuit somewhere that used the 50L6 or 50C5 as an oscillator or rf amp...

Message-ID:

<20020321045138.LIF024238.mtiwmhc21.worldnet.att.net@webmail.worldnet.att.net>

>I do recall a transmitter circuit somewhere that used
>the 50L6 or 50C5 as an oscillator or rf amp...John
>Farler <jfarler@peoplepc.com>

>contacts with it. I had it on 40 meter CW. Wish I
>could find that schematic again.
>Carol W4CLM

John, Carol -

I think the circuit you may be mentioning was from an issue of Electronics Illustrated from March 1968. Here is a page with a picture of the transmitter from the cover (near the bottom of the web page):

<<http://66.181.162.202/wa2iac/hardware.html>>

Here is another page with the details of the rig:

<<http://www.qsl.net/wd4nka/TEXTS/50c5.HTM>>

I've got that issue around here somewhere - Electronics Illustrated was a neat magazine - I especially liked the cartoons by Rodriguez. Wayne Green had a column along with Tom Kneitel - lots of wacky opinions ;)

Best Regards,

Chuck Olson, WB9KZY

Jackson Harbor Press

<http://jacksonharbor.home.att.net/>

Date: Wed, 20 Mar 2002 22:59:05 -0600

From: "georgekr5c" <georgekr5c@cablelynx.com>

To: <qrp-1@Lehigh.EDU>

Subject: [122765] VP6DI on QRP

Message-ID: <010401c1d095\$213dfe60\$9e08cc18@lee>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I know I'm probably not the only one, but yesterday I worked VP6DI on 15M CW running 5 watts. I feel sure the op was K5VT. It was a great operator if it wasn't Vince.

Didn't take long after finding his pattern.

Was fun and rewarding to dig him out of one of the large pile-ups he had going.

72 de George KR5C

Date: Wed, 20 Mar 2002 21:29:11 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122766] Re: I do recall a transmitter circuit somewhere that used the 50L6 or 50C5 as an oscillator or rf amp...
Message-ID: <001a01c1d099\$576e3aa0\$af25cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As long as we're thinking about tubes.....

Instead of using the 50L6 or 50C5 with a hefty resistor for the rest of the filament voltage conversion from 120 down to 50 -- how about using a couple of 35Z4 rectifiers, so the series voltage 35+35+50 adds up to 120v for the filaments?

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Thu, 21 Mar 2002 00:48:08 EST
From: W2SH@aol.com
To: qrp-l@lehigh.edu
Subject: [122767] RE: QRP Xmtr Tube Choice
Message-ID: <154.adf2c7a.29cace18@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I had previously suggested the "anemic" approach to this one, i.e., no or low iron. It looks as if NoGa has moved somewhat in this direction, with a transformerless power supply for the B+ and a wall wart (with a transformer inside) to light the filaments.

CQ magazine in the 1950s, '60s and maybe early '70s had several transformerless transmitters. The conservative folks in Newington eschewed such designs, probably because they were apprehensive about their readers getting a shock. If I recall correctly, a reader sent in an ac-dc design of a QRP transmitter with plate-modulated am, which was published in the Hints and Kinks column of June 1949 QST. This seems to have gotten by the editors screening articles formally submitted for publication. To the best of my knowledge, they never repeated their "mistake."

There are probably very few readers of this who haven't at one time had their hands on, and very likely inside, an "All-American Five Tuber."
This was an ac-dc broadcast band receiver where the tubes' filaments were wired in series. Each tube drew 150 milliamps of heater current, and the sum of the various voltage drops added up to 123 volts which worked just fine on the the line voltage of the day which was generally in the 110-117 Volt range.

Done properly, with three-prong line cord plugs which are now in widespread use, a safe ac-dc rig is easy to design. A simple one-tube design might use a 117L7GT or 117N7GT or 117P7GT, all of which combine a diode (to be used as a half-wave rectifier in the rig's power supply) with a beam tetrode having a six-watt maximum plate dissipation rating. With merely a 50-percent class-C efficiency, one could expect to safely obtain six watts output under continuous key-down conditions. The lower duty cycle of ICW would of course allow this figure to be increased.

A few minutes spent perusing a tube manual will suggest all kinds of tube line-ups that will work splendidly in an ac-dc transmitter without even needing a resistor to drop the line voltage to the series-connected filaments. The tubes and their sockets are neither hard nor expensive to obtain. As an example, a 12AU6 oscillator driving two paralleled 35B5s or 35C5s, with a 35Y4, 35Z3, 35Z4 or 35Z5 rectifier would do nicely, as would a 12AU6 driving a pair of 50B5s or 50C5s, with a no. 47 six-volt pilot light, and then silicon rectifiers in the power supply.

Can't find crystals? Copy an intelligent VFO design. In the mid-1940's QST published a VFO transmitter using just one 6L6! ARRL tested it for stability, chirp, clicks, etc. and it passed muster.

Can't find variable capacitors? Use a varactor diode and potentiometer in the oscillator stage and carefully select fixed capacitors to tune the fairly broadband final amplifier stage.

A two-stage transmitter is a better design because of its separation of signal generation from signal amplification functions, also lower power--and less crystal current in the (fixed frequency) oscillator stage.

For those who like to think small, acorn tubes are available for less than \$5., Their sockets go for about \$5, but the acorn looks suited to pcb construction. Nuvistors are even smaller, but their sockets are rare and stuffing them in a pcb looks to be difficult.

Listen up, guys, none of this is rocket science. George Dobbs, G3RJV, at FDIM in Dayton a few years ago likened kit building to painting by the numbers. Building a tube transmitter is not difficult, and it is a splendid way to be creative and get away from possibly dumbing yourself down with another paint-by-the-numbers kit.

72/73,

Charles, W2SH

Date: Thu, 21 Mar 2002 00:48:05 EST
From: W2SH@aol.com
To: qrp-1@lehigh.edu
Cc: gcouger@provalue.net
Subject: [122768] Re: Tube transmitters
Message-ID: <3c.1b354f60.29cace15@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

At 21:27:35 EST 19 Mar 02

Gordon Couger (gcouger@provalue.net) wrote:

>>I sure was wrong it's an 829B that is 2 6L6s in a all glass bottle not an 811A.<<

In actual fact, it was the 815 which incorporated in a single envelope two beam tetrodes, each of which was close to a 6L6. Later twin tetrodes, such

as the 829B and the lower-powered 832A, were independent designs.

Charles, W2SH

Date: Thu, 21 Mar 2002 00:48:06 EST
From: W2SH@aol.com
To: qrp-1@lehigh.edu
Subject: [122769] Re: Building a tube QRP xmitter
Message-ID: <198.4115fb0.29cace16@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

On Wed Mar 20 2002 at 05:54:23 EST, Harry Hurst (wa3ptg@comcast.net) wrote:

>>That Novice special is a nice little rig. I built mine from an early 70's
>>handbook and had a ball with it. I eventually added 160 coverage >>and made
>>many contacts with a random wire and an amazing breadboard >>tuner.
>>Unfortunately, I traded it away, something I still regret! And all those
>>FT-243 crystals! What was I thinking?

>>We didn't know how good we had it in those days.

>>Wonder if I can figure out how to drive a 6C4 with one of my little >>hartly
>>VFOs?

Hey, gang, we should all pitch in and give Hap all the help he needs.

HE'S FROM DELAWARE!!!

Charles, W2SH

Date: Wed, 20 Mar 2002 22:16:32 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'hamjoel@juno.com'" <hamjoel@juno.com>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122770] RE: joel's truck revisited again
Message-ID: <BF889CEBEFD2D511B993009027F60ABE155528@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Joel,

It was probably me that asked.... Let's take this one thing at a time....

The popping noise can be a couple of things. First is the ignition system. Does the popping sound increase with engine speed??? Plugs come to mind as the first thing. Bad sparkplug wires make matters worse. Not sure if your model has a distributor or a coil pack for the ignition system. I've had good luck on cleaning up ignition systems by replacing the plugs, new plug wires and distributor components. If you have an ignition coil pack, I've removed them, cleaned and sanded all the places where it is bolted to the engine compartment. Sometimes a 1" ground strap from the top of the coil pack to body will help greatly. There are other components that can make popping sounds, but they generally don't follow engine speeds. Plenty of switches and solenoids. They can be traced down, but require a way to monitor the on-board computer to see what it's up to. Some vehicles can be read with a DMM, some require a special device to monitor the OBC. It can be quite a task to trace these things down...

The whine can be a few more things. Since it's coming through the antenna, something is generating decent RFI. First thing is the fuel pump. The way you test for this is to start the engine, and with the rig volume cranked all the way up - antenna attached, pull the fuse for the fuel pump. The engine will run for about 2 seconds, but that is long enough. The noise in the rig should quit immediately when the fuse is pulled, and then the engine will stop running. If this is the case, I have had good luck with the Radio Shack 10 amp DC filter installed as close to the top of the fuel tank as possible, assuming you have an electric fuel pump that is installed inside the fuel tank. I did this on my 1996 Ford Ranger and went from an S9, down to an S2. The other point of fuel system RFI is the injection system. The fuel injection pump to the injectors themselves. The bad news is I have not had a problem with this in my install. I have heard of others, most notably Ford diesel owners having fits with this. There are a couple of things you can try, but not directly with the injection system. In this case, try bonding the fenders and hood to the body of the truck. The exhaust system can also act as an antenna. Ground them as close to the ends as possible, as close to the frame as possible.

There are some general things to do as well. I went through 10' of 1" braid on my install. Everything has been grounded, and all ground points have been sanded to bare metal. I use standard RTV sealant on these joints to keep them corrosion free. I've used this technique for over 10 years and these connections look new after 5 years living near the coast.

Running mobile will take some time to get installed properly. I can

only run mobile right now, and my job requires me to drive a bunch. Hope this helps!!

--{ Mark E Schoonover KA6WKE
--{ Senior Hacker, IS Gopher, Hardware Fiend
--{ American Geotechnical
--{ <http://www.qsl.net/ka6wke>
--{ ka6wke@amsat.org

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/"\  
 \ /  ASCII Ribbon Campaign  
  X   Against HTML Mail  
 /  \  
  
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Date: Thu, 21 Mar 2002 01:15:22 -0500
From: "Kevin M." <adverseyaw@twmi.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122771] Re: ALTOIDS TINS
Message-ID: <006601c1d09f\$c87a72d0\$0d701d41@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try a Hallmark card store. That is where I found Whitman's.
Kevin, KC8SFJ

----- Original Message -----

From: "Donn Kuse" <casey.jay@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 20, 2002 3:24 PM
Subject: Re: ALTOIDS TINS

> Mike,
> Where do you find Whitman's Sampler tins? I found one and can't seem
to find
> any more. Don't even remember what store I got it in. Been looking
everywhere.
>
> 72,73 Donn, WB4ZWT
> Haines City, FL
> 66 and still learning
>

> Mike Boatright wrote:
>
> > Ah, now you've let my secret out of the bag...why else do you think
I prefer
> > Whitman's Sampler tins???
> >
> > 72 de Mike, K04WX
>
>

Date: Wed, 20 Mar 2002 22:20:51 -0800
From: "Doug Hauff" <slmachco@fix.net>
To: "<" <qrp-l@LeHigh.edu>
Subject: [122772] Woah! Rainbow Enclosures Complete!
Message-ID: <200203210617.g2L6HFe31654@othello.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

It's true! Machined, anodized, engraved, the Rainbow Enclosures are ready to kit, pack and ship! I am still waiting for an order of variable caps to arrive, but I have enough to start kitting...My direct costs (parts and anodizing) have increased over six bucks apiece, I'll keep the hike to five bucks, so cost for a Rainbow Enclosure kit (CNC enclosure, hardware, variable cap, shaft, manual, allen wrench) is \$34 + \$4 shipping, total cost \$38, California residents add sales tax...I have a list of folks who reserved one, everyone please contact me to confirm order....I have a few left that are unspoken for...several upgrades, including cover plate is now machined, variable cap shaft included...

Thanks All!

Doug Hauff, KE6RIE

Date: Wed, 20 Mar 2002 23:17:13 -0800
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [122773] FS: New MFJ 1275 Interface
Message-ID: <000101c1d0a8\$6e23af00\$af4ae343@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I decided I am going to use my IC-706 so I am getting a 1275M..

..this unit is brand new, NEVER USED, and has all of the stuff. I got it from HRO so I had to pay the %\$@#*! sales tax but you don't (nor the shipping, either) -- asking \$90 shipped.

Thanks,

Bill, K6WHP

Date: Wed, 20 Mar 2002 23:49:56 -0800
From: Conrad Weiss <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [122774] Weller WTCPT on Sale !!
Message-ID: <01C1D069.F11C6D00@209-162-49-163.thegrid.net>

Gangue,

If you've been waiting for the *low* price on the Weller WTCPT solder station - Wassco has it -- Sale price: \$89.00 ! (regularly: \$130.95.)

This is my personal favorite - well suited to thru-hole PC boards and general kit-building. ESD safe and built for production soldering, you'll be ready for any kit or homebrew challenge. For decades - it's been America's most popular soldering station!

AND.... order a couple of pairs of Plato 170 shear cutters. Perfect for PCB lead cutting up to 18 AWG wire. On sale for only \$3.00 each; regularly \$5.20 each. These are very sweet lead cutters at a give-a-way price!

URL: <http://www.wassco.com/saleitems.html>

Sales: 1-858-679-8787 (in CA)
Sales/Orders: 1-800-492-7726 (outside CA)

Happy soldering & lead clipping to all :) !

73,

Conrad Weiss
NN6CW ---- (not related to Wassco; I just spend my allowance there!)

Date: Thu, 21 Mar 2002 02:57:23 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <fxtech@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [122775] Re: Tinning Torroids
Message-ID: <003101c1d0ae\$14ef5280\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wouldn't be surprised if the people who have better success with
'tinning' the insulation off the wire for torroids have hotter irons.

Mike

----- Original Message -----
From: "Trevor Jacobs" <fxtech@earthlink.net>
Subject: Re: Tinning Torroids

> I don't know how many other people do it this way, and I haven't ever
found a problem doing it this way, but what I do is just take the hot
soldering iron and heat the very end where the copper is exposed until the
enamel starts to bubble a bit and tin it with solder just like you would a
regular piece of wire. You just have to be carefull not to melt off too
much enamel, and just enough to tin the length that you need for your
application. I tried this a couple of years back when I couldn't find any
fine sand paper and it seems to work great. I usually clean up excess
melted enamel with 90% or better Isopropyl alcohol.

>
> 72/73's
> Trev
> KG6CYN

Date: Wed, 20 Mar 2002 23:41:18 -0600
From: "Doc Lindsey" <lindsey425@cs.com>
To: "QRP E-Mail Reflector" <qrp-1@lehigh.edu>

Subject: [122776] FW: Test
Message-ID: <NFBBLNBGKLJAL0IPFPJ0KEAECAAA.lindsey425@cs.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Doc Lindsey [mailto:lindsey425@cs.com]
Sent: Wednesday, March 20, 2002 9:11 PM
To: QRP Reflector
Subject: Test

Testing Outlook Express. Fingers crossed [g].

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.338 / Virus Database: 189 - Release Date: 3/14/02

Date: Thu, 21 Mar 2002 09:32:31 -0000
From: "WI8W" <wi8w@arrl.net>
To: <qrp-l@lehigh.edu>
Subject: [122777] QRP Challenge Cancelled
Message-ID: <051501c1d0bb\$53500760\$6501a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok folks, here it is the end of March and nothing
has ben received from anyone concerning the QRP
Challenge.

Therefore, because of a lack of interest, I am
cancelling the event.

The email address and the website (never

implimented because no entries were received) have been eliminated as of 0925UTC this morning.

Guess it was a really dumb idea in the first place.

73

Thom WI8W

Date: Thu, 21 Mar 2002 11:07:41 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [122778] Re: Beacons
Message-ID: <3C99B0ED.43845391@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Pat,

> I am aware of the NCDXF beacons on 14.100 but wondered if there were any
> beacons on 20 meters lower than 14.080 (the high end of my rig)?

QRG	QRA	LOCATOR, QTH, PWR, ANT, REMARKS
14070	PY2AMI	GG67IF, 5 W

Source: International Callbook, Winter Edition 2002

--
72/73 de Ingo, DK3RED Don't forget: the fun is the power!
 dk3red@t-online.de <http://www.qsl.net/dk3red>
 DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Thu, 21 Mar 2002 05:23:57 -0500
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [122779] DSW-20 Sold
Message-ID: <F221s7dqZZIusy1EXp0000cf78@hotmail.com>

Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The DSW-20 offered yesterday has been sold. Thanks for all the responses.

Alan, N3BJ
Bent Mountain, VA

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Thu, 21 Mar 2002 06:33:19 -0500
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [122780] Re: where can I find?
Message-ID: <B8BF2EE3.EFDD%raysills@1stConnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Gang:

If I recall correctly, The so-called "magic" tape by 3M is made of teflon. K1CLL used to use it as a dielectric to make UHF bypass capacitors with strips of copper foil. It should do the job to insulate a crystal case.

73 de Ray

> From: Bruce Rattray <rattray@gpfn.sk.ca>
> Reply-To: rattray@gpfn.sk.ca
> Date: Sat, 16 Mar 2002 14:00:32 -0600 (CST)
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: where can I find?
>
>
> I'm looking for a small amount of very thin mylar or teflon to put
> underneath crystals so as to avoid the shorting problem...having a heck of
> a time trying to find some locally...maybe I'm not asking the right
> people...any ideas from anyone please?...thank you...

>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
>
>

Date: Thu, 21 Mar 2002 06:42:05 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [122781] San Felix Island Expedition LATEST NEWS
Message-ID: <000a01c1d0cd\$6e024480\$53635cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

You can check to see if you are in the log at this location.

http://www.cordell.org/SFX/SFX_pages/SFX_News.htm

72
Ron Polityka
WB3AAL
www.n3epa.org

Date: Thu, 21 Mar 2002 07:05:43 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [122782] Re: paddles
Message-ID: <213CBBCE200DD6119CEF00B0D0D0D52E22ADB0@cninnmciexch1.crane.navy.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Probably the cheapest (most inexpensive) commercial paddles around are the Bulldog Paddles. Check them out at <<http://www.amateurradioproducts.com/>>
I have no connection to the company, just a satisfied customer.

72, oo de N9KH

Date: Thu, 21 Mar 2002 08:04:28 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122783] tube chassis
Message-ID: <00c501c1d0d8\$ef531f40\$d2af2341@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have been following the tube xmtr thread and noted that N4SKS had sold all his chassis!!
FWIW, I have some odds N ends of chassis here all unused .. If anyone is interested I'll go see what I do have and post it here !!!
carl / kz5ca

Date: Thu, 21 Mar 2002 08:11:52 EST
From: DLShips@aol.com
To: QRP-L@lehigh.edu
Subject: [122784] Spring Cleaning Sale - TAC-1s
Message-ID: <147.b6ad27a.29cb3618@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I hate to part with these little single banders but they belong where they can be enjoyed.

40 Meter TAC-1 with internal keyer \$175
89 Meter TAC-1 with internal keyer \$175

Both in mint condition.

(note: Internal keyer default speed 27 wpm)

BOTH FOR \$300 + Shipping

Jpeg upon request.
Don, W3RDF

Date: Thu, 21 Mar 2002 08:25:05 -0500
From: "Brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122785] Re: where can I find?
Message-ID: <006b01c1d0db\$d10fbf90\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have used teflon tape, as in plumbing supplies, to insulate things before. It's stretchy and can be pulled to fit about any shape. Sometimes a couple of wraps are needed...not the most elegant but it does work in a pinch.

73

----- Original Message -----
From: "Ray Sills" <raysills@1stconnect.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, March 21, 2002 6:33 AM
Subject: Re: where can I find?

> Hi Gang:
>
> If I recall correctly, The so-called "magic" tape by 3M is made of teflon.
> K1CLL used to use it as a dielectric to make UHF bypass capacitors with
> strips of copper foil. It could do the job to insulate a crystal case.
>
> 73 de Ray
>
>
>
>
> > From: Bruce Rattray <rattray@gpfn.sk.ca>
> > Reply-To: rattray@gpfn.sk.ca
> > Date: Sat, 16 Mar 2002 14:00:32 -0600 (CST)
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Subject: where can I find?
> >
> >
> > I'm looking for a small amount of very thin mylar or teflon to put
> > underneath crystals so as to avoid the shorting problem...having a heck
of
> > a time trying to find some locally...maybe I'm not asking the right
> > people...any ideas from anyone please?...thank you...
> >
> > ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272

> > A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> > - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
> > "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
> >
> >
>
>

Date: Thu, 21 Mar 2002 06:38:18 -0700
From: "Steve/n0tu" <n0tu@codenet.net>
To: <harris_k@crane.navy.mil>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122786] Re: paddles
Message-ID: <015301c1d0dd\$a9d20df0\$6a211d82@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Probably the cheapest (most inexpensive) commercial paddles around are the
> Bulldog Paddles. > 72, oo de N9KH

I'll second that! At first I thought "how good could a paddle be if it was made outa a paper clip?duh!" BUT until you use one you wont believe it's performance. I got just the paddle works and made my own oak base shown below. Used it last FYBO with my homebrew SST and was REALLY pleased with it's performance and "feel" ! It has a more solid feel than the paddlettes. Plus it's lighter and cheaper which kinda fits into my QRP philosophy of things. Used a magnet strip to hold to my clipboard. YMMV ...Steve/n0tu

pic of Bulldog and HB40m SST:
<http://users.codenet.net/n0tu/images/rigs/fybo02/HB40mSSTknee.JPG>
Pic of Bulldog w/oak base:
<http://users.codenet.net/n0tu/images/rigs/fybo02/Bdog.JPG>

Date: Thu, 21 Mar 2002 06:41:48 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: DENNIS SMITH <ne4o@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [122787] Re: Tinning wire on torids.
Message-ID: <Pine.LNX.4.33.0203210638470.2384-1000000@Daisy.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use my Leatherman knife to scrape off the enamel. It's a stainless steel knife and not very sharp. Then I tin the leads with my 350 degree C iron and so far on 15 toroids in the past 2 weeks they are all connected well.

On Wed, 20 Mar 2002, DENNIS SMITH wrote:

> Fellows I always have good luck with a exacto knife of fine grain sandpaper
> to remove the enamel from the wire
> works good for me.
> dennis w5vaf
> PS sorry but my spell checker dosen't know how to spell exacto knife
> either.
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 21 Mar 2002 06:42:25 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <wb3aal@fast.net>
Subject: [122788] Re: San Felix Island Expedition LATEST NEWS
Message-ID: <000301c1d0de\$3d4c1d00\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Make that

http://www.cordell.org/SFX/SFX_pages/SFX_News.html
^

73, Rod N0RC
Fort Collins, CO

----- Original Text -----
Subject: San Felix Island Expedition LATEST NEWS

From: Ron Polityka (wb3aal@fast.net)

Date: Thu Mar 21 2002 - 06:42:05 EST

>

>

> Next message: Harris Keith E CONT CNIN: "Re: paddles"

> Previous message: Ray Sills: "Re: where can I find?"

>

> -----

>

> You can check to see if you are in the log at this location.

>

> http://www.cordell.org/SFX/SFX_pages/SFX_News.htm

>

> 72

> Ron Polityka

> WB3AAL

> www.n3epa.org

>

Date: Thu, 21 Mar 2002 08:47:07 -0500

From: W2AGN <w2agn@pobox.com>

To: "Lofstead, Jerry" <Jerry.Lofstead@McKesson.com>,
 " 'w2agn@pobox.com' " <w2agn@pobox.com> ,

Subject: [122789] Re: Miracle Whip Antenna

Message-ID: <0203210847070G.12723@jsielke>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

On Thursday 21 March 2002 08:34, Lofstead, Jerry wrote:

> John,

>

> I had one of the Gotham verticals... It worked like a dream... worked

> the world QRP in the 50's .. Never say something does not work unless

> you have tried it. I lived in SW PA at the time... no saltwater. no

> radials!

>

> Jerry

> W3CDE

--

Did try one, back in 1958.... As I said 6db above a dummy load. BUT, you can work DX with even that. It's just more fun with a real antenna.

John L Sielke W2AGN
w2agn@pobox.com
<http://mywebpages.comcast.net/w2agn>
Trustee: W3IYQ

Date: Thu, 21 Mar 2002 08:48:17 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [122790] Re: Surf CPO
Message-ID: <001101c1d0df\$42961120\$3089cccf@bbbcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's a link to information on the Surfboard I used in the surf CPO.
<http://www.capitaladvanced.com/9081.htm>

Surfboards are neat but I wish there were more varieties.
A board like the 9081 but with a couple of SOT23-6 footprints instead of the S08 footprint would be useful for another project I'm working on. The SOT23-6 footprints could be used for transistors or for those 5 and 6 pin itty-bitty chips. I would also like a 9081 Surfboard that is 0.62" thick instead of just 0.32".

Jim, WD9EYB

Reply-To: j.p.osburn@ieee.org

Date: Thu, 21 Mar 2002 07:40:15 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122791] Another source of Copper Clad Stock for Manhattan Const.
Message-ID: <000f01c1d0e6\$510f3090\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.hosfelt.com/injectorall/injectorall.htm>

73, Rod NØRC
Ft Collins, CO

Date: Thu, 21 Mar 2002 06:32:24 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122792] Wanted: Manual for PK-232MBX
Message-ID: <009a01c1d0e9\$1a60e680\$2a8b6bd1@j3s0p2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Friends,

I negotiated a trade which involved an AEA PK-232MBX. Unfortunately, the manual is as elusive as Ducie Island on 80 meters. Does anybody have a manual for a PK-232 they no longer need?

=====
Bill Jones -- KD7S -- <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Thu, 21 Mar 2002 06:40:05 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122793] Re: tube transmitters for beginners
Message-ID: <009b01c1d0e9\$1b08bf40\$2a8b6bd1@j3s0p2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Friends,

Another quick search on ebay shows several Heathkit AT-1, DX-35 and DX-40 transmitters as well.

=====
Bill Jones -- KD7S -- <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Thu, 21 Mar 2002 10:28:26 EST
From: N4SKS@cs.com
To: qrp-1@lehigh.edu
Subject: [122794] FREE QRP mags
Message-ID: <46.24660741.29cb561a@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have 5 issues of the New England qrp news letter called 72 these are 1995 and 1996 FREE to a good home . Just send \$2.00 to help with the shipping.

I read that someone was interested in Nuvistors , I have some please inquire. CHEAP

Also I have a large collection of ARRL books some old some new (wrapper still on) I would like to give QRPers a good deal but shipping is often more than the book.

73 Les K4NK

Date: Thu, 21 Mar 2002 10:35:29 -0500
From: "Lee, Jimmy" <Jimmy.Lee@bartow.k12.ga.us>
To: <qrp-1@lehigh.edu>
Subject: [122795] Norcal BLT?
Message-ID: <4B0AF71313064D4FA2B931AB5DEA3ADDD33E31@coexch2.bartow.k12.ga.us>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I just built the BLT kit. I does work properly. The right var. cap had no effect on the tuning. I am very new at building things and I need to know where I can get infromation on trouble shooting.

Jim, AE4DT

Date: Thu, 21 Mar 2002 10:58:27 -0500
From: <mgoins@usa.net>
To: <qrp-1@lehigh.edu>
Subject: [122796] Sources for Manhattan Construction
Message-ID: <20020321155827.7814.qmail@uwdvg008.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Dan's Small Parts sells pads already punched. If I remember right, they are \$5 for a bag of 500. =

mike
wb5yjx
1 watt all the time
QRP-ARCI 3922, SOC 54, Flying Pig 447,
Adventure Radio 810, Alaska QRP 514, QCWA 30857

Date: Thu, 21 Mar 2002 11:07:20 -0500
From: John Cawthorne <johncawt@voicenet.com>
To: qrp-1@Lehigh.EDU
Subject: [122797] Dual Gate FET's
Message-ID: <3.0.5.32.20020321110720.00a21b20@popmail.voicenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am building a receiver that requires quite a few RCA40673's (or 3n211, or 3SK40). Does anyone on this list know with authority if a 3SK73 would be a direct replacement for the above devices? This would be for use in RF Amp, mixer and Osc. use at HF. I can get them for about 1/10 the cost of the specified devices. Does anyone have any data on the 3SK73?

72/73,

John KE3S

Date: Thu, 21 Mar 2002 10:03:09 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122798] solder pots & weird hamfest stuff
Message-ID: <01C1D0C1.6855BF00.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I remember when this stripping/tinning thread came up a year or so ago and the 'solder pot' method was mentioned. Solder pot? I'd never heard of such a thing but it fascinated me and set me on a quest to possibly make one or find one somewhere.

We had a nice little hamfest here in my town a few weeks ago. No big QRP presence, but lots of good junk. Funny how these hamfests are hit and miss. Often when I go with a big list of 'wants', I'll end up spending a grand total of \$2.00--and that's for nachos and coffee. Then when I go with no expectations, I hit gold. That's what happened in Russellville this year.

You know how there's often just piles of old dirty carbon resistors (you just know their values have increased 50%), variables with rust and bent blades, and 50 year old disk ceramics? Well, this year there was a guy with envelopes of highly coveted QRP'er parts at a buck an envelope: rf transistors, varicaps, IF amplifier chips and so on. I cleaned up. Then there was this other guy with an actual solder pot. The first one I'd ever seen. It's an American Beauty. Has a massive cast iron cup and an iron base. He had it at \$15 and I beat him down to \$10. (Why do I do that?)

Now I can visualize myself up on the castle wall, pouring molten lead down on the attacking barbarians! (Horrifying thought, but there it is.)

It's always fun to buy one totally bizarre thing at a hamfest. Last year, there was a guy with a box of 1000 watt incandescent light bulbs. They were huge! Why would I want a 1000 watt light bulb? Why not?

Turns out the solder to fill the pot costs more than the pot did. But that's OK. I had to choose between these cool little Fort Knox style bricks of pure lead or bars of lead-tin actual solder. I went for the solder. I haven't fired up the pot yet. So now I find out that there are formulations of insulation ranging from 105 DEGC strippable up to million-degree non-strippable. No doubt I've got one spool of every type ever made.

This was an Arkansas hamfest in March. Spring is coming and flowers are blooming. So I went home for lunch and right then this freak snowstorm blew in and I just about couldn't make it back to the fest. Lots of vendors had taken flight. I was standing by one table talking with the guys and idly playing with the dial of a RME receiver. Man, that thing was smooth-as-silk. But I had told myself--no boatanchors! Just little stuff.

So up walks this guy and says, "Gimme five dollars and take it with you!" Did I mention how silky smooth that huge vernier dial was? So I did buy one BA. Turns out it wasn't a receiver, but a VHF converter to match their receiver. It's interesting how design goals have changed. It almost looks like RME went out of their way to make this box BIGGER than it had to be. Probably to match their other stuff.

End of rambling.

Happy hamfesting & 72--

Nick, WA5BDU

--Oh, one other thing. We've done CW competitions at the hamfest before. It's fun but a lot of work. So this year, I set up a "self-service" CW test station using RUFZ. Remember pinball machines that held your high score? Or for younger guys--Frogger or Ms Pac Man? This would be like that. Try as often as you like. RUFZ keeps a list of high scoring callsigns on screen. Unfortunately we didn't get many takers. But I still like the concept.

Date: Thu, 21 Mar 2002 16:14:33 +0000
From: Chuck Adams <k7qo@earthlink.net>
To: giamman@rouge.phys.lsu.edu,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [122799] Re: History of the quartz crystal
Message-ID: <5.1.0.14.0.20020321154949.00a0b080@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:06 AM 3/20/02 -0600, Jim Giammanco wrote:

>Interesting... given the current flurry of FT-243 and tube curiosity...

>article on the history of the quartz crystal

>

><http://www.corningfrequency.com/history/vbottom.html>

>

>72

>Jim N5IB

Jim,

Thanks for the posting of the article by Dr. Virgil Bottom. He was my first undergraduate professor of physics while I was a student at McMurry College in Abilene, TX starting in 1961. I was able to work on a crystal resonance program for him for three years. The research project was sponsored by HP, Collins Radio, and James Knight Co.

He wrote a book titled "Introduction to Quartz Crystal Unit Design" published by Van Nostrand Reinhold in the Electrical/Computer Science and Engineering Series. ISBN 0-442-26201-9 with copyright date of 1982. It will be a difficult book to find, but you may find it in your local library and most likely in University libraries. My copy cost me about \$80 if I remember correctly and it is autographed. It is considered The Book to have if you work in the industry.....

You will need some serious mathematical background to wade through the book, but it is well worth the effort to go through it.

Another little know bit of trivia. He was responsible for the form factor for the T03 mounting. While at Motorola they wanted a form factor that would minimize the waste material in cutting sheets of material. By cutting the diamond shape you had little waste.

He also had one of the first Ge small signal transistors manufactured by Motorola. He made a small one transistor AM radio that he ran with a single AA battery. He was changing the battery once a year to run the radio until the transistor failed. To the best of my knowledge the transistor never failed after 45 years of running. Heck of a test for MTTF (mean time to failure).

FYI,

P.S. Of the 8 physics majors in the group that I ran around with --- all 8 of us went on to finish our PhDs and graduate with honors. We all scored over 90% percentile on the advanced GRE in physics, so going to a small university does have its advantages. I didn't have a physics or math class with more than 6 of us in it until my senior year at Texas Tech. We used to joke about attending a Christian Institution of educational excellence, but I often wondered why we needed the lightning rods on all the buildings. :-) ; -)

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Thu, 21 Mar 2002 11:13:06 -0500
From: Paul Oakes <pro@glassaxis.org>
To: qrp-l@Lehigh.EDU
Subject: [122800] Re: QRP-L digest 2500
Message-ID: <5.1.0.14.2.20020321110804.02121d10@mail.glassaxis.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Wed, 20 Mar 2002 17:27:53 EST
>From: MITCHELLRI@aol.com
>
>Has anyone else had problems posting through AOL? I think my PixieII is more
reliable than AOL.
>Leeds
>WA1GJF

Well, it's pretty clear that this one got through. Care to define "problems
posting through AOL" so folks might be able to help with troubleshooting?

-paul

Date: Thu, 21 Mar 2002 11:23:28 -0500
From: "Ed Tanton" <n4xy@earthlink.net>
To: <johncawt@voicenet.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [122801] RE: Dual Gate FET's
Message-ID: <005101c1d0f4\$bc65cb70\$c39efea9@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Best I can see, the 40673 is MUCH more robust than the 3SK73. Their

voltage rating is similar (Max Ids=20) but there is a large disparity between their current capabilities (Id) 50 mA for the 40673 vs 3 mA for the 3SK73.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Thu, 21 Mar 2002 10:31:36 -0600
From: "Ham" <KD5NWA@mbayona.com>
To: <qrp-l@Lehigh.EDU>, <nkennedy@tcainternet.com>
Subject: [122802] Re: solder pots & weird hamfest stuff
Message-ID: <006601c1d0f5\$e0667320\$373d010a@a000>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I met the same guy at Russellville, and bought a ton of stuff also, I met him again in Tulsa, and he had additional parts, bought some more. He is going to Arkiecon, I convinced him to get some NE602's or NE612's and bring them to Arkiecon, he said he would try to get a couple of thousand. I hope he does, I need to speed more money.

Cecil
KD5NWA

----- Original Message -----
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, March 21, 2002 10:03 AM
Subject: solder pots & weird hamfest stuff

> I remember when this stripping/tinning thread came up a year or so ago and
> the 'solder pot' method was mentioned. Solder pot? I'd never heard of
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> like the concept.
>
>

Date: Thu, 21 Mar 2002 11:23:49 -0500
From: Ken Newman <N2CQ@dandy.net>
To: EPA-QRP@yahoogroups.com, QRP-L@lehigh.edu, njqrp@njqrp.org,
n9avg@amsat.org, w3bg@arrl.net, n4so@juno.com
Subject: [122803] [CONTEST] N2CQ QRP Contest Calendar Mar 22-31
Message-ID: <3.0.6.32.20020321112349.0085e5a0@mail.dandy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
N2CQ QRP CONTEST CALENDAR

March 22-31, 2002  
~~~~~

Oklahoma QSO Party (CW/Digital/Phone) ... QRP Category

Mar 22 - 2300z to Mar 24 2300z

Rules: <http://www.qsl.net/okdxa/OKQP.htm>

"Work OK Counties. Awards. S/W available"

~~~~~

Spring QRP Homebrewer Sprint (CW/PSK31) ... QRP Contest!!!!

Mar 25 - 0000z to 0400z (Sunday evening in US/Canada)

Rules: <http://www.njqrp.org/data/qrphomebrewersprint.html>

"Test your Homebrewed equipment. All can join. Prizes!"

~~~~~

CQ World-Wide WPX Contest (SSB) ... QRP Category

Mar 30 - 0000z to Mar 31 - 2400z

Rules: <http://home.woh.rr.com/wpx/>

"More fine SSB DX. Compete with other QRPers."

~~~~~

Thanks to WA7BNM, SM3CER, ARRL and others  
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| 72 de             | **** N2CQ QRP Contest Calendar ****                                                                         |
| Ken Newman - N2CQ | <a href="http://www.njqrp.org/data/contesting.html">http://www.njqrp.org/data/contesting.html</a>           |
| N2CQ@ARRL.NET     | <a href="http://www.n3epa.org/Pages/Contest/contest.htm">http://www.n3epa.org/Pages/Contest/contest.htm</a> |
|                   | <a href="http://www.qsl.net/cqrp/contests.html">http://www.qsl.net/cqrp/contests.html</a>                   |

-----

Date: Thu, 21 Mar 2002 10:30:25 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Ham <KD5NWA@mbayona.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [122804] Re: solder pots & weird hamfest stuff  
Message-ID: <Pine.LNX.4.33.0203211028300.29866-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Boy, can you convince this guy to attend the Glacier/Waterton hamfest the middle weekend of July?...PLEASE!...probably around 500 to 600 hams attend...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Thu, 21 Mar 2002, Ham wrote:

> I met the same guy at Russellville, and bought a ton of stuff also, I met  
> him again in Tulsa, and he had additional parts, bought some more. He is  
> going to Arkiecon, I convinced him to get some NE602's or NE612's and bring  
> them to Arkiecon, he said he would try to get a couple of thousand. I hope  
> he does, I need to speed more money.  
>  
> Cecil  
> KD5NWA

-----  
Date: Thu, 21 Mar 2002 11:38:01 -0500  
From: "Ed Tanton" <n4xy@earthlink.net>  
To: <n4xy@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [122805] RE: Dual Gate FET's - caveat and two new databases  
Message-ID: <005401c1d0f6\$c482c040\$c39efea9@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

By the way, the 40673 was listed as a 400MHz device, but none was found for the 3SK73. In the process of looking for this, I DID find a couple of (new-to-me) very nice transistor/FET databases:  
<<http://home.rica.net/shefikm/TransistorDatabase.htm>> and  
<<http://www.radiomods.0catch.com/transistors/>>.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Thu, 21 Mar 2002 11:35:29 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: w4clm.ham@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [122806] Re: I do recall a transmitter circuit somewhere that used the  
50L6 or  
50C5 as an oscillator or rf amp...  
Message-ID: <3C9A0BD1.CCE551E8@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Back in the mid to late 1950's there was a series of articles in CQ Magazine that presented several low power transmitters. Most of these, maybe all of them, used receiving tubes. In particular, one that I remember and have built used a 117L7 as an oscillator and half wave power supply! I think the 50L6 would be as good a choice, but finding another tube to share the filament supply might prove a problem!

Incidentally, I made only one QSO with that rig. The rig used a hardware cloth chassis! I worked a guy in Dayton, then about 220 miles from home, and then cut up the remains so I wouldn't find myself on the floor!

7

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Date: Thu, 21 Mar 2002 11:42:09 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: w4clm.ham@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [122807] Re: I do recall a transmitter circuit somewhere that used the 50L6 or 50C5 as an oscillator or rf amp...  
Message-ID: <3C9A0D61.14FB300F@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

117L7's can be found at hamfests, often in original boxes! You should be aware they might not work though! A better place to look would be Antique Radio Supply. The tube was popular in 5 tube radios of the time!

Just see my previous reply. I build a rig using one of these tubes from an article in CQ Magazine back about 1956. It used a hardware cloth chassis and an AC-DC power supply. They can be deadly!

Please, remember this ain't your standard 12 volt battery you're playing with!

73

-----  
Date: Thu, 21 Mar 2002 11:59:20 -0500  
From: Chris <c\_sieg@conknet.com>  
To: unlisted-recipients:; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [122808] 6AS5, a 50C5 with a 6.3vac filament  
Message-ID: <3C9A1168.14FA8C1@conknet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have a bunch of 6AS5 tubes (a 50c5 but with a 6.3 VAC filament) available. These tubes are New Old Stock, \$1.50 each + shipping.

Thanks,  
-Chris

-----

Chris WA3LDI  
e-mail c\_sieg@conknet.com  
<http://www.piexx.com>

-----

-----

Date: Thu, 21 Mar 2002 12:17:27 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [122809] Tube rig qso  
Message-ID: <3.0.6.32.20020321121727.007a9670@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I build a 5763 tube xmitter last time we had a tube rig thread going here, back just before Christmas. But I never actually had a QSO with it yet. Maybe because my only xtals are on 7015, 7025 and 7050, none of them real good places to put a QRP tube rig on. So, last night I dusted off and wired up one of my old DDS VFO's to the tube transmitter. A little after midnight I finally solved all the little problems that turned up in the process, found a guy calling CQ and finally had a QSO with the 5763 transmitter and Drake 2B Rx! About time<g>

Hey, I found a 1AJ5, wire lead pencile tube in the wierd tube collection. Wonder if I could get that to work in something?

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----

Date: Thu, 21 Mar 2002 12:18:18 -0500  
From: Harris Keith E CONT CNIN <harris\_k@crane.navy.mil>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [122810] Re: Weird Hamfest Stuff  
Message-ID: <213CBBCE200DD6119CEF00B0D0D0D52E22ADB3@cninnmciexch1.crane.navy.mil>  
MIME-Version: 1.0  
Content-Type: text/plain;



charset="iso-8859-1"

You never know when you might have a really bright idea and need that 1000W bulb.

72, oo de N9KH

-----  
Date: Thu, 21 Mar 2002 12:25:32 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: qrp-l@lehigh.edu  
Subject: [122811] Antennas, teh long and short of them!  
Message-ID: <3C9A178C.2C0208F9@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Antennas are a perennially interesting subject, and will promote a lively discussion at almost any ham club meeting. Anyone who says he has the real answer is usually booed out the the place. The real fact is that almost anything will work, given a few caveats! And the poor ham who has been booed out is probably right FOR HIS INSTALLATION.

Ham magazines are full of claims about working the world on a wet shoestring. Often these are correct for the particular QTH involved. How many of us can say we have climbed to the top of Mount Everest just to make a QSO!

There are two traditions in antenna design, balanced and unbalanced either will work. Balanced antennas like the dipole are generally easier to use but harder to put up. Unbalanced antennas, like the quarter wave vertical, are generally easier to put up but take more care in use! Slopers and end fed long wires fall in between!

Now, the rigs choice also plays a part in the antenna selection. Back in the old days, most transmitters used either link coupling or a pi-network output. These were adjustable so they could do a good job of the impedance transform from the rig to the antenna. Also most rigs used tubes which are inherently higher impedance devices!

Today's rigs are almost all solid state, so at a minimum an antenna tuner may be required. Solid state finals may be easier to destroy too! The old wet noodle or the bed springs are not as easy to substitute!

Ands antennas are environmental devices too! This becomes apparent when you put up your antenna and find it acts like a dummy load! I can

remember installing a trapped vertical in a place where I had to pay to have the ground water pumped out and expecting it to work like gangbusters. I had to add four radials for each band before it worked like an antenna should!

In general the differences between properly installed antennas are small, at least when you are talking about wire antennas and fundamental frequency operation. Even the differences between mobile antennas and wire antennas are pretty small if the mobile antenna is properly installed. Lots of guys have used mobile antennas mounted on their balconies (properly installed) at QRP levels with great success. After all, this is the basis for most short antenna designs, isn't it?

Unfortunately, there is no special secret antenna that will work anywhere. The best source of information on any antenna is the manufacturer, or if it is homebrew, reading a lot about the design. Expect to spend some time chasing bugs out! In fact you are doing the development, even if the antenna has been around for fifty years and used by almost all! It is really up to you to optimize the antenna for your installation!

So, is the Miracle WHip a good antenna? Does the Gotham Vertical really work? Can you really work the world with a vertical and a poor ground? It depends. on how you do the installation, on how much time you are willing to invest, and how much you are willing to optimize your installations. There rally are no secrets!

You know, an antenna was once described as a leaky water pipe. We are just making the hole bigger, the lawn still gets watered, only slower with a non-optimunized antenna! I think if you stop trying to find that magic antenna and learn to use the one you have, you will be happier.

73

-----  
Date: Thu, 21 Mar 2002 09:35:33 -0800 (PST)  
From: Wayne Williams <aa5jj@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [122812] manual wanted  
Message-ID: <20020321173533.7841.qmail@web10507.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hello I bought a OHR Explorer on 40 meters and the OHR 100A on 30 meters and neither one came with the Manual's, If you have one or both I sure would like to have a copy. Thanks and reply to

aa5jj@yahoo.com

73 Wayne

-----  
Do You Yahoo!?

Yahoo! Movies - coverage of the 74th Academy Awards  
<http://movies.yahoo.com/>

-----  
Date: Thu, 21 Mar 2002 12:35:44 -0500 (EST)  
From: George Gingell <k3tks@u1.abs.net>  
To: QRP List <qrp-l@Lehigh.EDU>  
Cc: Brad Hernlem <alihernlem@hotmail.com>,  
Peterson Radio <jjk51503@aol.com>  
Subject: [122813] Re: Crystals  
Message-ID: <20020321121514.G67622-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Brad,

I just read QRPL Digest and thought that I would drop you a note about the Crystals. A very good bit of information, which many will find useful, I am sure. I always wondered about those Channel Markings, but never seemed to have time to dig for the information.

I have been collecting Crystals off and on for several years. Unfortunately, most are packed away in storage along with hundreds of Ham Radio Magazines.

I am curious as to the source of your information. Is there a Book or Equipment Manual that has this information? Is there a Chart or Listing of All of the Channels and corresponding Fundamental Frequencies?

I had thought to try Testing and Cataloging all of my crystals some day.

Having a Reference Chart would be handy to compare the Actual results with the Original Specifications.

I am thinking that the difference in pin spacing on some could be related to the differing manufacturers who made them. I don't have a list, but several companies made the Military Crystals under Contract with the U.S. Government back then.

It is interesting to note that others have thought to mount the newer types of crystals inside of the FT-243 & FT-241 Holders. I have played with that a bit in the past. I also made an adapter out of the FT-243, which has molex pins inside of the FT-243 Holder soldered to the pins inside and held in place with Epoxy. Small holes are drilled in the top of the case to allow insertion of Wire lead Crystals.

I made this origionally for testing my crystals, although it can be used in your transmitter also.

My thoughts about the problem of limited Crystal current capacity.

I wonder if we could make a group buy on Pre-Ground FT-243 Crystal Blanks from someone like Peterson Crystals? Then we could just mount them in the old holders that we happen to have around in the Junque Box? There are Thousands of Surplus FT-243 & FT-241 Crystals out there with the "Wrong Quartz" inside.

I wouldn't be surprised if someone with the tools and knowledge could Re-Grind many of the Rocks into something usable in Amateur Radio Service?

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
Former QRP A.R.C.I. Net Manager and Board of Director Member.  
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,  
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,  
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, Donations Accepted.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

-----

Date: Thu, 21 Mar 2002 12:37:13 -0500  
From: John Farler <jfarler@peoplepc.com>  
To: qrp-l@Lehigh.EDU, w4clm.ham@juno.com  
Subject: [122814] Re: I do recall a transmitter circuit somewhere that used the 50L6 or 50C5 as an oscillator or rf amp...  
Message-ID: <3C9A1A48.97ABE590@peoplepc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you run across that one, I am interested. Also am interested in the rigs that used the battery tubes, 1.4 and 3 volt filament tubes. Would make a neat regen and one or two tube xmtr.

I found my old diagrams, and will try to get them into pdf or gif files. Some of the pages are pretty yellow!!

BTW, worked you briefly yesterday (wed) around 7039 about 3 PM with my 49'er which I just found and was trying to get going. The receive is out and it looks like I had made some mods the last time I used it.

Will post here when and if I get the diagrams on the web...I am slow and not good with diagram software...

73, John, K4AVX

BTW:  
"The picture IS better on the radio!!"...JF

-----  
Date: Thu, 21 Mar 2002 12:45:07 -0500  
From: "Brian" <brian@iquest.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [122815] QRPp  
Message-ID: <001501c1d100\$24007720\$3d05080a@cincom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

When was the last QRPp sent?

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Thu, 21 Mar 2002 12:49:34 -0500  
From: John Farler <jfarler@peoplepc.com>  
To: qrp-l@Lehigh.EDU  
Subject: [122816] RE: I do recall a transmitter circuit somewhere that used the  
50L6 or  
50C5 as an oscillator or rf amp...  
Message-ID: <3C9A1D2D.83F6C477@peoplepc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

>From qrp-l

Thanks, Chuck,  
I'm getting a little tangled with replies to posts,  
but that's the one I was thinking about. 50c5's  
easy to find. Maybe a couple of 35w4's to  
make a full wave rectifier would finish out the  
filament string without the necessity of such  
a heavy dropping resistor, or any at all.  
Have a couple of tube manuals, one in 50's  
and one about '68, plus a tube tester, so  
will have to get going!!  
Thanks much...

BTW, enjoy your keyers!!

73, John, K4AVX

-----  
Date: Thu, 21 Mar 2002 11:58:15 -0600  
From: "Ham" <KD5NWA@mbayona.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [122817] Re: 6AS5, a 50C5 with a 6.3vac fillament  
Message-ID: <00e001c1d101\$fa5f3300\$373d010a@a000>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Now I've done it, I bought me some vacuum tubes, if I get severely shocked by the high voltage supply, I'm going to hold everyone on this list that started talking about vacuum tube radios personally responsible.

Cecil  
KD5NWA

.  
----- Original Message -----  
From: "Chris" <c\_sieg@conknet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, March 21, 2002 10:59 AM  
Subject: 6AS5, a 50C5 with a 6.3vac fillament

> I have a bunch of 6AS5 tubes (a 50c5 but with a 6.3 VAC filament)  
> available. These tubes are New Old Stock, \$1.50 each + shipping.

>  
> Thanks,  
> -Chris

>

>

>

>

> -----  
> Chris WA3LDI  
> e-mail c\_sieg@conknet.com  
> <http://www.piexx.com>

> -----

>

>

>

-----  
Date: Thu, 21 Mar 2002 12:51:10 -0500 (EST)  
From: George Gingell <k3tks@u1.abs.net>

To: QRP List <qrp-l@Lehigh.EDU>  
Cc: "Jim Skalski [Teflon Wire]" <n2go@arrl.net>  
Subject: [122818] Re: 208A CW Filter  
Message-ID: <20020321121249.L67622-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim,

You might want to check with Ten-Tec for the Schematic &/or Manual for the 208A CW Filter.

Also as others have mentioned, the CWF-2A Filter by MFJ, has been successfully added to many Ten-Tec Rigs (Internally).

I have a similar unit which I made from an article in either QST or 73 Magazines. It is just a pair of Op Amps as I recall. (741's?) It was designed for 750 Hz Offset (Ten-Tec Standard). I was able to obtain some comparable chips made for The Telephone Company (Matched Set). I installed mine in a Wooded Cigar Box which also doubled as a speaker enclosure. It had a Phone Plug that connected to the rig and a phone jack on the front to allow me to plug in my headset without pulling the rig out of the shelf. Also a switch (Power) on front to control the filter in/out and power.

Later I got a QF1-A for use with my other rig. This was better in some ways, but not usually needed. The Simple CW filter will make all of the difference in the world for a 505 or 509. The 515 I think has an IF Filter, which should make it all the better.

Also it makes a big difference by using the Accessory Connection, as it inserts the filter (Audio) ahead of the volume control and Audio Amplifier.

OBTW, I am falling in Love with the Toshiba..

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
Former QRP A.R.C.I. Net Manager and Board of Director Member.  
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,  
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,



Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, Donations Accepted.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

-----  
Date: Thu, 21 Mar 2002 13:07:11 -0500  
From: KKANALZ@prodigy.net  
To: <nkennedy@tcainternet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [122819] Re: solder pots & barbarians  
Message-ID: <AA-85BB705150717D4AA6E70BE3DF11C4D1-ZZ@maillink1.prodigy.net>

With some degree of angst, Nick Kenney wrote about his  
experience(s) at swapmeets:

--- Original Message ---

From: Nick Kennedy <nkennedy@tcainternet.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: solder pots & weird hamfest stuff  
<snip>

Now I can visualize myself up on the castle wall,  
pouring molten lead down on the attacking barbarians!  
<snip>

Those "barbarians", Nick are QRO operators tuning up  
about 156 Hz away from the guy you're trying to work  
on 30M!

Nick went on to add a Post Script (that's "P.S."):

Remember pinball machines that held your high score?  
Or for younger guys--Frogger or Ms Pac Man? This  
would be like that.

I used to have a Ms PacMan video game machine, but I  
had to get rid of it, Nick. Every time I put in a  
quarter, I got a voice announcement that said, "Not  
now, Dear.... I have a headache!"

Karl K - W8TIF  
McKinney, Texas

-----  
Date: Thu, 21 Mar 2002 18:24:06  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: k3tks@u1.abs.net  
Cc: qrp-1@lehigh.edu  
Subject: [122820] Re: Crystals  
Message-ID: <F52wwwPcMF1F8HGmCvoX00016ba9@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: George Gingell <k3tks@u1.abs.net>  
>Brad,  
>  
>I just read QRPL Digest and thought that I would drop you a note about the  
>Crystals. A very good bit of information, which many will find useful, I  
>am sure. I always wondered about those Channel Markings, but never seemed  
>to have time to dig for the information.  
>  
>I have been collecting Crystals off and on for several years.  
>Unfortunately, most are packed away in storage along with hundreds of Ham  
>Radio Magazines.  
>  
>I am curious as to the source of your information. Is there a Book or  
>Equipment Manual that has this information? Is there a Chart or Listing of  
>All of the Channels and corresponding Fundamental Frequencies?

I found this information in the RSGB Radio Communication Handbook. I recently picked up a copy of this book (actual a two book set) from a local ham. It is one of the older editions (don't have it in front of me) from the early 1970s. I swept the crystals in my possession (some of each variety, two and three digit channel numbers) with my signal generator, scope and frequency counter and verified that all agree with the formulae. Of course, not ALL FT-241 crystals are of this sort and I am not an expert on mil surplus.

BTW, the RSGB Handbook gives a table to guide the design of SSB filters using crystals from the two series (it also warns the reader that these crystals are old -- that was thirty years ago! -- and may not be reliable for this application).

It is strange to me that the ARRL didn't publish this information, as a matter of course, in their handbooks. Or maybe I just don't own the handbook that included it ... if there is one.

Maybe there are still a lot of these crystals floating around for the simple reason that this information was not made widely known. I know that I was always wondering how people knew which crystals to buy to build that 455 kc filter or BF0.

>It is interesting to note that others have thought to mount the newer  
>types of crystals inside of the FT-243 & FT-241 Holders. I have played  
>with that a bit in the past. I also made an adapter out of the FT-243,  
>which has molex pins inside of the FT-243 Holder soldered to the pins  
>inside and held in place with Epoxy. Small holes are drilled in the top of  
>the case to allow insertion of Wire lead Crystals.

A related "Hint or Kink" is that female Molex pins (readily available from Radio Shack) can be made to fabricate sockets. The pins on these crystals are the same diameter as the pins on octal tubes (i.e. 3/32"). Molex pins are pretty close match. Some while back I could NOT find a socket for my 2BP1 CRT tubes and fabricated one instead using a block of Delrin and female Molex pins. The same thing could be done to make a crystal socket but octal sockets are already so plentiful that this would not likely be a limitation for most people. Instead of using male Molex pins I would use pieces of 3/32" brass tubing. I have used this to fabricate plug in coils for my homebrew dip meter, for example. See:

<http://www.geocities.com/alibhernlem/Radio/gdo.html>

>I made this origionally for testing my crystals, although it can be used  
>in your transmitter also.

>

>My thoughts about the problem of limited Crystal current capacity.

I didn't mean to scare people off of trying. I just wanted to point out that while lamps may have been good for monitoring crystal drive in older designs they would not likely afford any degree of security with microprocessor crystals. Some people have reported driving them well beyond what the specs would suggest possible, however. You can't know whether something will fail, for certain, until it does.

Regards,

Brad

>I wonder if we could make a group buy on Pre-Ground FT-243 Crystal Blanks  
>from someone like Peterson Crystals? Then we could just mount them in the  
>old holders that we happen to have around in the Junque Box? There are

>Thousands of Surplus FT-243 & FT-241 Crystals out there with the "Wrong  
>Quartz" inside.  
>  
>I wouldn't be surprised if someone with the tools and knowledge could  
>Re-Grind many of the Rocks into something usable in Amateur Radio Service?  
>  
>  
>  
>  
>  
>QRPp Dx Tu, (C) 2002 K3TKS  
>  
>Sir George, The First :^}  
>  
>72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
>Former QRP A.R.C.I. Net Manager and Board of Director Member.  
>Gingell & Company, Ltd. Small Business Telephone Systems, Handyman  
>Services,  
>Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax  
>George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
>Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,  
>Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -  
>Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.  
>  
>Collector of Quartz Crystals and Telegraph Keys.  
>  
>Maryland Milliwatt Club QRP Reference Library, Donations Accepted.  
>  
>"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM  
>  
>  
>

---

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<http://www.hotmail.com>

---

Date: Thu, 21 Mar 2002 13:29:51 -0500  
From: W2AGN <w2agn@pobox.com>  
To: qrp-l@lehigh.edu, soc@mailman.qth.net, njqrp@njqrp.org  
Subject: [122821] 2BDQ dipole  
Message-ID: <0203211329510H.12723@jsielke>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Well, it was a beautiful day, so I went out and hacked up my perfectly good 40M dipole, and put up the 2BDQ 80/40M trap dipole. With the dimensions Howard sent me, it was a snap to tune up. (It was a little high on 40 and a teeny bit low on 80). Have it now centered on 7.050 and 3.550.

Just listening, it doesn't seem any different on 40 than my 40M dipole. Local sigs are still better on it than on the loop. Nobody on 80 yet, so remains to be seen.

I'll give it a go in the NJQRP HB Sprint this weekend. You all will be on for that, right?

--

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://mywebpages.comcast.net/w2agn>  
Trustee: W3IYQ

-----  
Date: Thu, 21 Mar 2002 13:42:56 -0500  
From: KKANALZ@prodigy.net  
To: <k3tks@u1.abs.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [122822] How To Use Those "Out-of-Band" FT-243 rocks  
Message-ID: <AA-8CA65864395ABA07C2FCB86E8BD90A4A-ZZ@www4.prodigy.net>

George, in bringing back a lot of memories (for me, anyway) wrote:

--- Original Message ---

From: George Gingell <k3tks@u1.abs.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: Re: Crystals

<snip>I wouldn't be surprised if someone with the tools and knowledge could re-Grind many of the Rocks into something usable in Amateur Radio Service?<snip>

>QRPp Dx Tu, (C) 2002 K3TKS

>

>Sir George, The First :^}

>72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@abs.net

Well, George, here's how YOU can re-grind (up, not down!) some of those FT-243 crystal blanks you have in your junkbox (it also appears on Ian Purdie's - VK2TIP - web site):

A few tips on grinding crystals from an Old Timer, both from FT-241/243 blanks as well as HC-6/U holders!

Way back when, in nineteen-forgotten, I used a piece of PLATE glass, about 3/8-inch thick (I don't recommend that thin, fragile window-pane glass be used) and about 7 or 8 inches square. The initial abrasive I used (as did a lot of others) was Bon-Ami scouring powder, but Ajax and other similar scouring powders will also work. For a finer abrasive, you can use Soft Scrub (allegedly a non-abrasive, but it really is - just a bit finer than the heavy-duty stuff). For still more gentle action, you can use toothpaste (not the gel stuff - get ol'-fashioned Colgate). For the really-really-really fine touch(es), get some jeweler's rouge. Let's assume your crystal blank (from the FT-243) is about 25 to 20 kHz BELOW your desired operating frequency. It could be lower than that, and it's okay - it'll just require more grinding on your part.

I'd recommend you FIRST build a test oscillator and check the initial operating frequency of your surplus crystal. Jot it down on a piece of paper or your lab notebook. Carefully remove the screws that hold on the cover plate of the FT-243. Try not to destroy the neoprene gasket that seals the cover plate to the body of the crystal holder. Inside, you'll see a compression spring and a (usually) brass plate that has a little tail that runs off to one of the crystal holder pins (provides one of the two electrical connections to the crystal blank). G-e-n-t-l-y lift up that plate (I used a sharp-pointed awl) jussssst enough that you can tip out the crystal blank from between the two brass plates (there's one on the back side of the crystal blank).

On the heavy-duty glass plate, make a thickish paste of water and some of that scouring powder. Use a pretty good glob of it, cause you're going to be spreading it about as you grind your rock.

Place the crystal blank in the scouring power paste, and using just your index and middle finger (you know, the one you use on the highways when that %&\*\$#@! cuts you off), apply gentle pressure on diagonally opposite corners. Using this grip, begin to move the crystal in a FIGURE EIGHT (NOT circular!) pattern over the glass base plate - any size 8 will do; use one that's comfortable for you (mine, as I recall, were about 3 inches or so).

After about five or six figure eights, grasp the OTHER two diagonal corners in the same fashion and continue with the figure eight pattern, same number of laps. Now, turn the crystal blank over and grind the OPPOSITE SIDE the same number of turns, using first one pair of diagonal corners and then the other pair of corners, as described above. If you need to, add some more scouring powder/water to the mess you have on the glass plate. The number of figure eights you'll need to get the rock on the desired frequency is a function of how low in frequency it is (relative to the desired operating frequency), how hard you press down as you grind, and just how abrasive your scouring powder is. Only experimentation and years and years of doing this will give you a feel for the technique!

You're going to need either: a) A test oscillator to check the frequency and operation of the crystal or b) A working transmitter to verify the frequency and operation of the crystal.

Carefully remove the quartz blank from the grinding compound and in a slow stream of cool water, thoroughly rinse off the grinding paste (you can gently apply a toothbrush to aid in this process if you want). LEAVE THE GRINDING PASTE ON THE GLASS GRINDING PLATE - you'll probably need it again. With clean fingers, hold the crystal blank by its edges and reassemble the blank in the FT-243 holder - just slip it in between the two brass plates.

Don't forget to re-install that compression spring! Put the cover plate back on the assembly and re-install all cover screws. Torque them down pretty well, since the amount of pressure on the crystal affects its operating frequency. Install the assembled

FT-243 crystal in the test oscillator and measure the new operating frequency.

Knowing how many figure-eight laps you did on each side will give you a rough idea of how many kilohertz you can move the crystal blank versus the number of laps of grinding effort. I doubt that just a few turns will move the rock very much, but I highly recommend you begin slowly and gently until you develop a feel for how much your efforts will actually move the frequency. Then you can be more aggressive in future grindings .

Let s assume your FT-243 still isn t on frequency (it won t be, believe me), so disassemble the FT-243 again (see initial steps above), remove the crystal blank and grind it some more - maybe this time, 20 or 30 laps on both corners, and 20 or 30 laps of the OTHER side of the blank. Again, clean the blank thoroughly, re-assemble the FT-243 and re-check the frequency in your test oscillator.

As it says on the laxative bottle, repeat as necessary. Keep in mind that if you are checking the frequency in a test oscillator, the operating frequency may be slightly different from that of the ACTUAL transmitter in which the crystal is used. I d recommend using the real transmitter (into a dummy load, of course!) as your test oscillator, to avoid the differences in circuit capacitance, oscillator type, et cetera.

Using graphite (from a soft-lead pencil) will move the crystal blank frequency DOWN (grinding moves it up, of course), but you have to be v-e-r-r-y careful where you apply it to the crystal blank surface - that s a lesson for another time.

Karl K - W8TIF  
McKinney, Texas

-----  
Date: Thu, 21 Mar 2002 11:43:56 -0700  
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>  
To: "'QRP-l Messages'" <qrp-l@lehigh.EDU>



Subject: [122823] CFNO: Results, So far  
Message-ID: <BF11C300DA60D5118A2900508BCF825B03416C96@entcoexch05.tci.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset=iso-8859-1  
Content-Transfer-Encoding: 7bit

Hello all.

This is the information received at this point. Will provide an update if additional data comes along.

Other than being a lot of fun and good experience for us all, CFNO and similar efforts help attract new CW ops to jump in and give it a try. Two ops (that I know of) bagged their first Fox Pelt during CFNO and I suspect we will be hearing them on the air in the future. Congratulations and a big "Thank You" to the Fox, the Hounds and the group that keeps it going!

72 Ron ki0ii

\*\*\*\*\*

Fox List:

| Call   | Name                         | SPC | # Contacts | SER               |
|--------|------------------------------|-----|------------|-------------------|
| AG0T   | Todd                         | ND  | 23         | 4.136             |
| W0IS   | Rick                         | MN  | 25         | 3.82              |
| N0IT   | Dave                         | MO  | 35         | 4.06              |
| KA8MAV | Brice                        | IN  | 1          | 5.0               |
| K04WX  | Mike                         | GA  | 31         | 4.15              |
|        | Warrior", sounded good Mike! |     |            | Using a new "Code |
| VE3FAL | Fred                         | ON  | 18         | 4.1               |

Looks like that 4.0 SER is a good target to beat! As we know each station setup and antenna opportunities are different, so a SER only means what you want it to.

KB7WW ??

N1TP ??

NQ7T Couldn't play

KD5KXF Couldn't play

KB9YIG Couldn't play

Hounds:

| Call      | Name | Fox Pelts | SER |
|-----------|------|-----------|-----|
| Comments: |      |           |     |

|        |          |                                                                                                      |                                                                                                 |
|--------|----------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| KG4LDY | Jim      | 2                                                                                                    | 1.0                                                                                             |
| KB0LUR | Paul     | 2                                                                                                    | 5.0                                                                                             |
| W5YR   | George   | 5 maybe 6 and                                                                                        | 5.0 (?)                                                                                         |
| KB9ZUV | Gary Lee | 1st ever Fox pelt! Using a Emtec NW40. not sure of the power but got a DX Fox pelt to boot (VE3FAL). |                                                                                                 |
| AF4PS  | Mac      | 5                                                                                                    | 2.42 Mac used 3 watts for 4 of his contacts and .1 for the 5th. So 12.1 watts / 5 = SER of 2.42 |
| WA8BXN | Mike     | 5                                                                                                    | 5.0                                                                                             |
| W4BQP  | Jim      | 3                                                                                                    | 5.0                                                                                             |
| KJ0C   | Jim      | 2                                                                                                    | 2.0                                                                                             |
| KG6CYN | Trev     | 2                                                                                                    | 1.0 all the way from CA!                                                                        |
| WB8WTU | Dennis   | 4                                                                                                    | ?? using a Norcal Sierra                                                                        |
| WV9N   | Randy    | 5                                                                                                    | 1.0                                                                                             |
| KI0II  | Ron      | 4                                                                                                    | 1.1                                                                                             |
| N0EAX  | Rich     | 2                                                                                                    | ?? 1st and 2nd Fox Pelt.. (VE3FAL and W0IS)                                                     |

\*\*\*\*\*

The end

-----

Date: Thu, 21 Mar 2002 03:40:18 -0000  
 From: "k8cv" <k8cv@netzero.net>  
 To: "Qrp-L Posts" <qrp-l@lehigh.edu>  
 Subject: [122824] so what ..... who cares !  
 Message-ID: <000601c1d109\$9e201ca0\$ad97d43f@walmartos>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
         charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

I rented, for a MONTH, a 1.2 million dollar house ( 5 bed rooms, 4 baths ) on the GULF in Florida 2 years ago. Took the 6 foot bathing suit drying rod from the two car garage and put it upstairs on the second story front porch. Taped my dipole ( 33' each leg ) fed with open wire ( 450 ohm brown window

line ) ladder line about 20 ' into the bedroom to a LDG balun and then 10 feet of coax to the K-2 with internal antenna tuner. Worked all bands ( 160 to 10 meters ) like gang busters! Made over 250 part time contacts in a weekend contest. The wire antenna ran the front length of the house and bent down and back and was tied off with STRING to some wood lattice work under the house. I used brown # 22 translator wire from where I worked years ago. Nobody even noticed the thing.

So what you say !

Well, I didn't pay \$130 for a MIRACLE !

Walt Amos K8CV Royal Oak, MI.

-----  
Date: Thu, 21 Mar 2002 14:19:47 EST  
From: K1epj@aol.com  
To: <qrp-l@lehigh.edu>  
Subject: [122825] FS: K2  
Message-ID: <d5.14b0cf5a.29cb8c54@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

K2 Serial #1705 with following options: KSB2 ssb adapter, KBT2 Internal battery option, KNB2 noise blanker, KAT2 automatic antenna tuner. All documentation and original invoice. Like new condition, Professionally aligned, works great. \$750 plus shipping from 03858  
Dave K1EPJ

-----  
Date: Thu, 21 Mar 2002 14:42:22 EST  
From: W2SH@aol.com  
To: qrp-l@lehigh.edu  
Cc: leehop@qwest.net  
Subject: [122826] RE: Norcal Cap Kit  
Message-ID: <cc.8829c89.29cb919e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

On 18 March 02 at 2340 hrs EST, Lee Hopper, KD7CTF wrote:

>>Question about the .1 mF bypass caps in the original Norcal cap kit:  
>>what is their voltage rating or how can I find out? Need 50V for kit I'm  
>>building.

Suggest you apply a variable metered dc voltage through a fuse across one of the capacitors. Slowly increase the voltage. When you either see, hear or smell the capacitor breaking down, note the voltmeter's reading. Reduce that by about 15 percent and accept the resulting figure as the maximum working voltage.

Don't try this with ac voltage.

72/73,

Charles, W2SH

-----  
Date: Thu, 21 Mar 2002 14:48:41 -0500  
From: "Brian" <brian@iquest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [122827] Re: so what ..... who cares !  
Message-ID: <001901c1d111\$67834570\$3d05080a@cincom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Walt...this is no big deal.

I mean afterall, you DID have a K2 on there...and we all know that K2 MOJO doesn't even need an antenna to work.

<snicker>

----- Original Message -----  
From: "k8cv" <k8cv@netzero.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, March 20, 2002 10:40 PM  
Subject: so what ..... who cares !

> I rented, for a MONTH, a 1.2 million dollar house ( 5 bed rooms, 4 baths )  
> on the GULF in Florida 2 years ago. Took the 6 foot bathing suit drying

rod  
> from the two car garage and put it upstairs on the second story front porch.  
> Taped my dipole ( 33' each leg ) fed with open wire ( 450 ohm brown window  
> line ) ladder line about 20 ' into the bedroom to a LDG balun and then 10  
> feet of coax to the K-2 with internal antenna tuner. Worked all bands ( 160  
> to 10 meters ) like gang busters! Made over 250 part time contacts in a  
> weekend contest. The wire antenna ran the front length of the house and bent  
> down and back and was tied off with STRING to some wood lattice work under  
> the house. I used brown # 22 translator wire from where I worked years ago.  
> Nobody even noticed the thing.  
>  
> So what you say !  
>  
> Well, I didn't pay \$130 for a MIRACLE !  
>  
> Walt Amos K8CV Royal Oak, MI.  
>  
>  
>  
>

-----  
Date: Thu, 21 Mar 2002 14:43:40 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: k8cv@netzero.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [122828] Re: so what ..... who cares !  
Message-ID: <3C9A37EC.16E0ABAA@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Walt,

Probably no one, but it is nice of you to share your experiences with us! Antennas can be made from anything and will work as long as you understand them and don't expect miracles!

Too many people read ads and do expect miracles! It was probably the same way with us, we read about the Gotham Vertical and bought it! Later, examining the holes in our checkbooks and our logs, we had to do a little reading to make it work. It may have helped, back then, that

we didn't depend on fast solutions or the internet either!

73

-----  
Date: Thu, 21 Mar 2002 15:05:10 -0500  
From: "Mike Branca" <w3irz@att.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [122829] Re: Crystals  
Message-ID: <008801c1d113\$b4d498e0\$92ec5b0c@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You know guys I find it hard to believe that folks are worried about damaging HC-49 crystals when the 3579 khz ones sell for as low as 25 cents (check out the Hosfelt catalog). That gives you the opportunity to try to blow a few and see what they will take. Having done so I'm here to tell you that you have nothing to worry about as long as you don't use the circuits that were hard on FT-243 crystals. For example if you use a 6L6 tube with 450 volts on the plate as an oscillator you may run into trouble. But if you use the crystal colpits circuit I doubt if you will have any problem. I have been fooling with crystals for more than 45 years and have never destroyed one due to over driving it. I have, however, destroyed them by grinding them too far or by dropping them on the floor.

Over drive is really easy to detect. Simply listen on a receiver for crystal drift on the dashes. That represents heat. Lets not scare each other with dire predictions of crystal failure so slip on over to the work bench and see for yourselves.

Mike Branca W3IRZ in Conyers Georgia

-----  
Date: Thu, 21 Mar 2002 15:15:19 -0500  
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>  
To: qrp-1@Lehigh.EDU  
Subject: [122830] Re: Tinning Toroids  
Message-ID: <0FB8C07C91.30FEB079-0N85256B83.006F170E@itwfeg.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

You know... and it didn't occur to me in the past..... I wonder if paint stripper would work??? Wow! Just think how many toroid leads one could

strip with a quart of paint stripper!

Off to the garage to try....

73,  
Steve  
aa8af

Stephen Hawkins <grayline@mindspring.com>  
Sent by: owner-qrp-l@Lehigh.EDU  
03/20/2002 07:48 PM  
Please respond to grayline

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
cc:  
Subject: Re: Tinning Torroids

QRP,

GC Electronics makes a product called "Strip-X" just for this purpose.  
Lay down a piece of wax paper. With the applicator attached to the cap  
put a  
little Strip-X on the end of the leads. Then lay the wound toroid down on  
the wax paper. In a few minutes take a tissue and wipe the Strip-X and  
the  
insulation off.

73 49 111 0100 1001  
Steve WV6U  
grayline@mindspring.com

On Wednesday 20 March 2002 02:53 pm, David Hinerman wrote:

> At 04:33 PM 3/20/02 -0500, you wrote:  
> >Has anyone tried using your wife's nail polish remover to remove the  
> > enamel coating on magnet wire? I'm not asserting that it would work,  
and  
> > I don't have anything to test it with in front of me at the  
moment---just  
> > an idea.  
>

> Roy,  
>  
> I have. It's not that kind of enamel...  
>  
> >Of course, maybe you have your OWN polish remover, but we won't go  
> >there.....  
>  
> ...and I'm not that kind of guy. (grin)  
>  
> Dave  
>  
>  
> -----  
> Dave Hinerman  
> WD8CIV@worldnet.att.net

-----  
Date: Thu, 21 Mar 2002 14:47:37 -0500  
From: w4clm.ham@juno.com  
To: w6toy@erols.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [122831] More about the "The Bare Essentials Transmitter".  
Message-ID: <20020321.153020.1944.6.w4clm.ham@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bruce.... To avoid to many duplications here....  
I just sent another note to the net, it includes an E-mail I received  
today  
from Ray Colbert, W5XE..... Bless his heart, I don't know how he found  
this thing, but I think he has it.

You are on target here because if I recall it only had one tube.  
I kept thinking it had silicon rectifiers that blew out for some reason.  
In reality, it was kind of dangerous, but I like living dangerously when  
it  
comes to radio !! Hee Hee....

Once I hear back from Ray, I'LL be sure to post it back to the group.  
This thing was simple, fun and it worked and I can't wait to blow up  
another one !!! Hee Hee..  
Best 73' Carol



On Thu, 21 Mar 2002 11:35:29 -0500 Bruce Muscolino <w6toy@erols.com> writes:

> Back in the mid to late 1950's there was a series of articles in CQ  
> Magazine that presented several low power transmitters. Most of  
> these,  
> maybe all of them, used receiving tubes. In particular, one that I  
> remember and have built used a 117L7 as an oscillator and half wave  
> power supply! I think the 50L6 would be as good a choice, but  
> finding another tube to share the filament supply might prove a  
problem!  
>  
> Incidentally, I made only one QSO with that rig. The rig used a  
> hardware cloth chassis! I worked a guy in Dayton, then about 220  
> miles from home, and then cut up the remains so I wouldn't find myself  
on  
> the floor! 7

-----  
Date: Thu, 21 Mar 2002 15:01:37 -0500  
From: w4clm.ham@juno.com  
To: jfarler@peoplepc.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [122832] KA4AVX KA4AVX KA4AVX DE W4CLM - Lost you OM  
Message-ID: <20020321.153020.1944.8.w4clm.ham@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi John,

Yes..... In fact I did hear you. I don't know what happened. Maybe I was having a head space problem on my end, but it could have been something else and I just lost your signal. I monitor 7.040 extensively listening for QRP stations. I don't always run QRP from the house but I have a deep appreciation for those who are out there calling with their newly built projects. I thought it was really neat a couple of days ago I worked AG40G and I was his first QSO on his newly built K2. I am sure he was excited about that contact.

Yesterday I was using my old Heathkit SB-101... it works perfectly and is in mint condition. I can't believe how good the receiver is on that old rig. Signals compare right up there with my FT-1000d that I never use! The CW filter on the old Heathkit is a bit narrow so I thought maybe that was part of our communications problem. Not sure what ever it was. One minute you were there, the next you were gone.

I am sure we will do it again.

Ps: Once we have a confirmation on the single tube rig, I will post what I get back to the group.

Best Regards & 73's

Carol W4CLM

-----  
Date: Thu, 21 Mar 2002 14:41:19 -0500  
From: w4clm.ham@juno.com  
To: jstamper@shentel.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [122833] "The Bare Essentials Transmitter  
Message-ID: <20020321.153020.1944.5.w4clm.ham@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yes you are right on target here Jim, I remember that part of it too...

But it's been a long - long time ago.....

And I also remember this much.....It ran hot but .... It worked good!

Maybe we will find it yet.

Regards

Carol

-----  
\*\*\*\*\* Jim I just got this in a pile of E-mail ----- I think this fellow has it !!  
-----

Wow Ray....

THAT SOUNDS LIKE IT - WOW

AFTER ALL THESE YEARS, I think you hit it on the head

I would really love to get a copy of that P-L-E-A-S-E-E-E-E-E-E-E-E- !!!!

Hee Hee..... I thought it had a 50C5, but I was a little confused after someone

else brought up the idea of a 117LGT or something like that..... It's been so

long ago and I am starting to loose it in my old age.

You can tell, I am excited !!

Thanks... I am good on QRZ....for info.

Carol

W4CLM

-----  
-----  
On Thu, 21 Mar 2002 08:33:03 -0700 William R Colbert <w5xe@juno.com> writes:

> As I am no longer on the list, (kept trying to post to  
> the transmitter thread yesterday and nothing going  
> thru) I did see you asking about the 50L6/50C5  
> glowbug rig. Actually, there was indeed one  
> using either of those tubes, and the one I have the info  
> on is from a 60's edition of Electronics Illustrated and  
> is called "The Bare Essentials Transmitter". If you  
> are interested in the info, I would be glad to forward  
> the files along to you.  
>  
> 73  
> Ray

-----  
Date: Thu, 21 Mar 2002 15:31:51 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [122834] Re: Crystals  
Message-ID: <5.0.2.1.0.20020321150608.00acfec0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:24 PM 3/21/2002 +0000, Brad Hernlem wrote:

>SNIP.  
>  
>It is strange to me that the ARRL didn't publish this information, as a  
>matter of course, in their handbooks. Or maybe I just don't own the  
>handbook that included it ... if there is one.

Brad and gang.  
I have 5 ARRL hand books and have never seen any info about the crystals.  
Nor in any of the handbooks that I have given away over the years. I did  
get some  
info from a guy on the boatanchor list so the info is out there, maybe the same  
place you found it.  
I looked at your GDO pictures....nice job!  
I was thinking that DIN plugs and sockets would also work well for  
a GDO. The 40673 gdo in the handbook (85) needs a 3 pin socket.  
(One of the back burner projects here) HI!  
73 Pete NV4V

Date: Thu, 21 Mar 2002 21:34:18 +0100  
From: "Guido Tedeschi, ik2bcp" <ik2bcp@hamlan.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [122835] 20m QRP "tiny" ATU  
Message-ID: <005d01c1d119\$09cb23a0\$20a3862c@Main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I published on the web the project of a tiny 20m QRP ATU.  
If anyone is interested:  
<http://www.hamlan.org/tech/20mqrpatu/eng/20mqrpatuen.htm>  
Ciao and 72  
Guido, ik2bcp / ab9dg

-----  
Date: Thu, 21 Mar 2002 15:59:48 -0500  
From: w4clm.ham@juno.com  
To: w6toy@erols.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [122836] "The Bare Essentials Transmitter".  
Message-ID: <20020321.155948.1944.13.w4clm.ham@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Heck no -- not 1955.... I wasn't born until 1956 !!

I did not built that rig well into, if I recall it was 1971 give or take a year. Something strikes me that maybe the oscillator tube was also the rectifier.... but I really can't remember right now. I just remember some diodes blowing up when you keyed the transmitter if the wall socket was plugged in the wrong way.

As soon as we find out if it is a 117LGT or 50C5 we will know more. I don't have a tube manual handy right now to check these tubes for more info. However, some thing strikes me about that little rig having almost 20 watts input power but maybe that sounds too high. Again I can't remember....  
Maybe you recall the output or input power ????

I think our friend Ray has hit it on the head, we will just have to wait and see what he comes up with.

-----  
William R Colbert <w5xe@juno.com> writes:

I have the info on it from a 60's edition of Electronics Illustrated and is called "The Bare Essentials Transmitter". If you are interested in the info, I would be glad to forward the files along to you. 73 Ray

-----  
I can't wait to see what he comes up with, I have been looking for this schematic for years.

73 again

Carol

-----  
On Thu, 21 Mar 2002 15:32:58 -0500 Bruce Muscolino <w6toy@erols.com> writes:

> Silicon rectifiers in 1955? I doubt that, maybe selenium, but not  
> silicon! Anyway, I did enjoy building and using that rig, I just  
> got scared. I would be interested in hearing about your experiences  
> with it 73

-----  
Date: Thu, 21 Mar 2002 13:02:44 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <w4clm.ham@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [122837] Re: "The Bare Essentials Transmitter"  
Message-ID: <00cf01c1d11b\$bff65a80\$cba0b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Page 60 of the September 1949 issue of QST. Hints and Kinks for the Experimenter: "A Low Power 110/220-Volt A.C.-D.C. Transmitter for Phone and C.W.". Designed for use in the British Honduras where the article says that they had predominantly 110 and 220 volt D.C. mains (scary!). It uses 3 50L6's and a 35Z5 rectifier. No power transformer. I just happened to have that issue, Hi! Don't know if it's available on the web, but I'm sure that a reprint of the article could be had. Good Luck and hope this helps...

72/73's

Trev

KG6CYN

----- Original Message -----

From: <w4clm.ham@juno.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Thursday, March 21, 2002 11:41 AM

Subject: "The Bare Essentials Transmitter

> Yes you are right on target here Jim, I remember that part of it too...

> But it's been a long - long time ago.....

> And I also remember this much.....It ran hot but .... It worked good!

> Maybe we will find it yet.

> Regards

> Carol

> -----

> \*\*\*\*\* Jim I just got this in a pile of E-mail ----- I think this fellow

> has it !!

> -----

>

> Wow Ray....

> THAT SOUNDS LIKE IT - WOW

> AFTER ALL THESE YEARS, I think you hit it on the head

> I would really love to get a copy of that P-L-E-A-S-E-E-E-E-E-E-E-E-!!!!

> Hee Hee..... I thought it had a 50C5, but I was a little confused after

> someone

> else brought up the idea of a 117LGT or something like that..... It's been so

> long ago and I am starting to loose it in my old age.

> You can tell, I am excited !!

> Thanks... I am good on QRZ....for info.

> Carol

> W4CLM

> -----

---

> -----

>

> On Thu, 21 Mar 2002 08:33:03 -0700 William R Colbert <w5xe@juno.com>

> writes:

> > As I am no longer on the list, (kept trying to post to

> > the transmitter thread yesterday and nothing going

> > thru) I did see you asking about the 50L6/50C5

> > glowbug rig. Actually, there was indeed one

> > using either of those tubes, and the one I have the info

> > on is from a 60's edition of Electronics Illustrated and

> > is called "The Bare Essentials Transmitter". If you  
> > are interested in the info, I would be glad to forward  
> > the files along to you.  
> >  
> > 73  
> > Ray  
>

-----  
Date: Thu, 21 Mar 2002 21:03:07 +0000  
From: euramcom pages <mel@euramcom.freemove.co.uk>  
To: <qrp-1@lehigh.edu>  
Cc: <gqrp@yahoo.com>  
Subject: [122838] morse keys  
Message-ID: <T59c71e4b9fac1785b30e1@pcow057o.blueyonder.co.uk>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi (both Gangues) there,

I've just had a parcel from Ukrainia, via Anton in Wales. I got a=CT  
miniature hand key, and a de-luxe straight key via Anton's sales=at  
e-bay UK. These are superbly crafted and engineered keys (yes,=even  
the dinky one for QRP'p work) with mirror finish brass and steel=(gold and silver coloured) parts. Even the XYL was impressed with=the  
de-luxe key, and that says it all. They are brand new of course!

"That looks really nice" she said, then asked

"Why do you need the two?"

Explanations please anyone? Seriously, if you're in the market=for a  
key, then worth looking at these. No involvement, usual=disclaimers  
apply, and Anton is every inch a gentleman with replies to e-mail=and  
so on.

<http://www.ebaystores.com/id=3D32972019>

should get you there. And - - BTW delivery direct from the=  
Ukraine  
in only 6 days, superbly packaged, box in a box!

Regards

Me1  
GM6JAG  
Edinburgh, Scotland UK  
Home of the last HW9

-----  
Date: Thu, 21 Mar 2002 12:40:33 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [122839] Test Message Do Not Open  
Message-ID: <04e701c1d118\$a8e84860\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

No text, testing to see if I can post from this computer. Doug

-----  
Date: Thu, 21 Mar 2002 15:33:19 -0600  
From: George Franklin <w0av@juno.com>  
To: nwq-1@scn.org  
Cc: nwq-1@scn.org, qrp-1@lehigh.edu  
Subject: [122840] Re: nwq-1: Tube XMTR/RCVR  
Message-ID: <20020321.153616.-1454989.0.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Alan,

Great pix and info on old rigs and receivers.

My first CW rig in 1935 was the TNT PP45 rig pictured. With a random  
length wire antenna, non-resonant, I worked all over the US. It tended  
to drift and chirp a bit, but it did the job. The main problem was  
finding out where I was in the 40M band, as the National SW5 TRF receiver



went completely blank when I hit the key. Shorting the RX antenna post to ground helped.

That Thordarson rig cost \$100.00 (big money in those days, even for a working man, and I was in Jr. high school) when it came out, completely out of my price range, but I did see one at a friend's station. They sounded great on 160M AM.

Thanks for the memories.

72/73/74 de George/W0AV

Hamming since '35

SOC#101, COG#1, PITA#1 (No real contenders for this one)

-----

Date: Thu, 21 Mar 2002 12:55:23 -0800

From: "Doug Hendricks" <ki6ds@dph.dpol.net>

To: <qrp-1@Lehigh.EDU>

Cc: <WA6GER@aol.com>

Subject: [122841] Winter QRPp Will Be Late

Message-ID: <04ef01c1d11a\$baf8b1a0\$4a0b0d0a@dph.dpol.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guys, this announcement is for information. The winter issue of QRPp is going to be late for several reasons.

1. I coach Varsity Basketball at Dos Palos. We had a very successful season and went to the second round of the state playoffs. That meant my season was extended two weeks.
2. My father became very ill in December, and died in the middle of January. I am the executor of the estate.
3. I missed 3 weeks of work with walking pneumonia in Feb.
4. I have to have 150 NorCal 20 kits kitted by the 1st of April in order to get them hand carried to England. (Don't want to miss this opportunity as it won't come up again.)

QRPp is a club publication, and all production work is done by me. I am a volunteer and do not get payed a cent for my efforts, in fact it costs me money to do it, but I do it because it is a way that I can give back to the hobby. I have a life, have 2 grandchildren, a wife, a job, and a life beyond qrp. I try to meet commitments, but sometimes I can't control things

around me. If anyone is unhappy and wants their money back, please contact me and I will see that you get a prompt refund.

Here is the plan: I will spend the rest of this week and next week kitting the NC20's. Then, I leave for Arkiecon. When I get back, on April 8th, I will put the Winter issue of QRPP on the plate as highest priority. Should take about a month to get it done, printed and mailed. I appreciate your patience and understanding. Remember, this is a club venture, and all work is done by volunteers. Thank you for the bandwidth. Doug

-----  
Date: Thu, 21 Mar 2002 17:03:16 -0500  
From: "Howard Kraus" <K2UD@adelphia.net>  
To: <n0tu@codenet.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [122842] Re: paddles  
Message-ID: <001d01c1d124\$342d5ae0\$07633018@buf.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Whiterook has a couple paddles that are less than the Bulldog, but the quality is good. In fact, I like the feel better than the Bulldog.

They also have paddles with TiCK keyers built into the paddle base, same size as the paddle alone. Mine is used for the Spartan Sprints, and outdoor use. Heck, I like them inside too!

72 all

Howard Kraus, K2UD  
----- Original Message -----  
From: "Steve/n0tu" <n0tu@codenet.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, March 21, 2002 8:38 AM  
Subject: Re: paddles

> > Probably the cheapest (most inexpensive) commercial paddles around are the  
> > Bulldog Paddles. > 72, oo de N9KH  
>  
> I'll second that! At first I thought "how good could a paddle be if it was  
> made outa a paper clip?duh!" BUT until you use one you wont believe it's

> performance. I got just the paddle works and made my own oak base shown  
> below. Used it last FYBO with my homebrew SST and was REALLY pleased with  
> it's performance and "feel" ! It has a more solid feel than the  
paddlettes.  
> Plus it's lighter and cheaper which kinda fits into my QRP philosophy of  
> things. Used a magnet strip to hold to my clipboard. YMMV ...Steve/n0tu  
>  
> pic of Bulldog and HB40m SST:  
> <http://users.codenet.net/n0tu/images/rigs/fybo02/HB40mSSTknee.JPG>  
> Pic of Bulldog w/oak base:  
> <http://users.codenet.net/n0tu/images/rigs/fybo02/Bdog.JPG>  
>  
>

-----  
Date: Thu, 21 Mar 2002 17:02:17 -0500  
From: w4clm.ham@juno.com  
To: fxttech@earthlink.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [122843] RE: The Bare Essentials Transmitter HOUSTON -WE HAVE A LINK FOR  
YOU - IT'S ALL HERE ! TNX AG5P  
Message-ID: <20020321.170217.2804.2.w4clm.ham@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

To: QRP-1@LEHIGH.EDU  
Fm: W4CLM  
Bt

Received the following from Walter AG5P  
I think it's amazing, I have been looking for this little  
gem for years and here it is - it's all right here on the Internet.

It's Simple // It's Rude // It's Crude // It's hot // but it works.

Thanks again Walter !!

My apologies for all the E-mails on this thread.  
I am singing a happy tune, Maybe I'LL even burn down the  
house with this thing!!

\*\*\*\*\*L@@K\*\*\*\*\* Here it is:

<http://www.qsl.net/wd4nka/TEXTS/50c5.HTM>

Best 73's to the net  
Carol  
W4CLM

-----  
Here you go, it is the whole website.

Would you forward this URL to the other guys  
that wanted it, please.

72/73 Walter, AG5P

<http://www.qsl.net/wd4nka/TEXTS/50c5.HTM>

-----  
Date: Thu, 21 Mar 2002 22:01:40 +0000  
From: euramcom pages <mel@euramcom.freemove.co.uk>  
To: <qrp-1@lehigh.edu>  
Subject: [122844] QRPp late! Doug's posting.  
Message-ID: <T59c753f771ac1785c31cd@pcow058m.blueyonder.co.uk>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi Gangue,

If you want a thing done, ask a busy person! Doug's posting on=  
this  
brings home the work done by many on this list, often unsung and=  
sometimes slated for doing their very best and putting in much=  
more  
than they take out.

Without the "Doug's" and the "George's" and the "Chuck's" QRP=  
would  
be much less than it is now! And that's NOT a comprehensive list=  
by  
any manner of means.

Flame me for stating the obvious if you like, but these guys=  
live,  
breathe and drink QRP for the rest of us! Thank them for it!

Regards

me1

GM6JAG  
Edinburgh, Scotland UK  
Home of the last HW9

-----  
Date: Thu, 21 Mar 2002 14:05:55 -0800 (PST)  
From: Patrick Gardella <pgardella@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [122845] 78L05 Knowledge  
Message-ID: <20020321220555.36779.qmail@web13006.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Got an problem and a solution here, and I figured I'd ask and gain a little knowledge...

I've been working on a project, and I have a 78L05 in it. I have it wired exactly the same way I have several other 78L05 (from the same company), but instead of giving out 5V, I get about 0.5V (if that), and a burned finger if I touch it within a second or two of providing power. (It's hooked to a 9V battery)

The simple answer is to replace it (I have several others). But for knowledge sake, what might be the problem with it? Defective part? Did I do something wrong with it?

More details:  
T0-92 package - flat side facing me, pins are ( IN GND OUT )

Patrick  
KD4LOX

-----  
Do You Yahoo!?  
Yahoo! Movies - coverage of the 74th Academy Awards  
<http://movies.yahoo.com/>  
-----

Date: Thu, 21 Mar 2002 17:13:16 -0500  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: <K2UD@adelphia.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [122846] Re: paddles  
Message-ID: <032c01c1d125\$9984d8e0\$d2af2341@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'd like to add a little note here about the "bulldog" paddles. I like them too , but they don't seem to last very long. Mine fell apart, ie: the metallic connections came apart after a couple years, but then what can you expect from 5.00 or so??

----- Original Message -----

From: "Howard Kraus" <K2UD@adelphia.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, March 21, 2002 5:03 PM  
Subject: Re: paddles

> Whiterook has a couple paddles that are less than the Bulldog, but the  
> quality is good. In fact, I like the feel better than the Bulldog.  
>  
> They also have paddles with TiCK keyers built into the paddle base, same  
> size as the paddle alone. Mine is used for the Spartan Sprints, and  
outdoor  
> use. Heck, I like them inside too!  
>  
> 72 all  
>  
> Howard Kraus, K2UD  
> ----- Original Message -----  
> From: "Steve/n0tu" <n0tu@codenet.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Thursday, March 21, 2002 8:38 AM  
> Subject: Re: paddles  
>  
>  
> > > Probably the cheapest (most inexpensive) commercial paddles around are  
> the  
> > > Bulldog Paddles. > 72, oo de N9KH  
> >  
> > I'll second that! At first I thought "how good could a paddle be if it  
> was  
> > made outa a paper clip?duh!" BUT until you use one you wont believe it's  
> > performance. I got just the paddle works and made my own oak base shown

> > below. Used it last FYBO with my homebrew SST and was REALLY pleased  
with  
> > it's performance and "feel" ! It has a more solid feel than the  
> paddlettes.  
> > Plus it's lighter and cheaper which kinda fits into my QRP philosophy of  
> > things. Used a magnet strip to hold to my clipboard. YMMV  
...Steve/n0tu  
> >  
> > pic of Bulldog and HB40m SST:  
> > <http://users.codenet.net/n0tu/images/rigs/fybo02/HB40mSSTknee.JPG>  
> > Pic of Bulldog w/oak base:  
> > <http://users.codenet.net/n0tu/images/rigs/fybo02/Bdog.JPG>  
> >  
> >  
>  
>

-----  
Date: Thu, 21 Mar 2002 14:16:33 -0800  
From: "Kory Hamzeh" <kory@avatar.com>  
To: <ki6ds@dph.dpol.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [122847] RE: Winter QRPP Will Be Late  
Message-ID: <002101c1d126\$0f3e7b40\$14ce21c7@avatar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Not a problem Doug. We appreciate all of the hard work you put forth into  
Ham Radio and QRP. And as you stated, this is just a hobby.

73,  
Kory  
AC6RN

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> Doug Hendricks  
> Sent: Thursday, March 21, 2002 12:55 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Winter QRPP Will Be Late  
>  
>  
> Guys, this announcement is for information. The winter issue of QRPP is

> going to be late for several reasons.  
>  
> <SNIP>

-----  
Date: Thu, 21 Mar 2002 17:17:51 -0500  
From: Dave Fouchey <dafouchey@comcast.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [122848] Re: One tube transceiver ?  
Message-ID: <4.1.20020321171515.009adca0@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Just an observation but wouldn't the tubes and power supplies of the old two or three tube signal generators make a nice starting point for a tube QRP transmitter? The B & K, Knight Kit etc. Seems like they would be right up the alley and are still fairly cheap and easy to find.

73's  
Dave  
WA4EMR

-----  
Date: Thu, 21 Mar 2002 17:42:20 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: pgardella@yahoo.com, qrp-l@Lehigh.EDU  
Subject: [122849] Re: 78L05 Knowledge  
Message-ID: <037401c1d129\$a9a34b40\$7101a8c0@lwrnce01.in.comcast.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Patrick,

If you've got the pins down... that's backwards. With the flat side facing you and the pins UP that's correct. Try turning it around and I bet that fixes it.

Here's the datasheet with a diagram:  
<http://www.national.com/ds/LM/LM78L05.pdf>

73/72/71! de Brice KA8MAV  
<http://www.QRPp-I.com>



----- Original Message -----

From: "Patrick Gardella" <pgardella@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, March 21, 2002 5:05 PM

Subject: 78L05 Knowledge

> Got an problem and a solution here, and I figured I'd ask and gain a  
little knowledge...  
>  
> I've been working on a project, and I have a 78L05 in it. I have it wired  
exactly the same way I  
> have several other 78L05 (from the same company), but instead of giving  
out 5V, I get about 0.5V  
> (if that), and a burned finger if I touch it within a second or two of  
providing power. (It's  
> hooked to a 9V battery)  
>  
> The simple answer is to replace it (I have several others). But for  
knowledge sake, what might be  
> the problem with it? Defective part? Did I do something wrong with it?  
>  
> More details:  
> T0-92 package - flat side facing me, pins are ( IN GND OUT )  
>  
> Patrick  
> KD4LOX  
>  
> -----  
> Do You Yahoo!?  
> Yahoo! Movies - coverage of the 74th Academy Awards  
> <http://movies.yahoo.com/>  
>

-----  
Date: Thu, 21 Mar 2002 23:49:31 +0000

From: David Heintzleman <pstrdave@kdsi.net>

To: ki6ds@dph.dpol.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [122850] Re: Winter QRPp Will Be Late

Message-ID: <3C9A718B.A2032BA2@kdsi.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

NOT TO WORRY - YOU GUYS DO A FANTISTIC JOB AND I WILL APPRECIATE THE MAG WHEN I GET IT. APPRECIATE WHAT'S GOING ON, LIFE CAN GET GOOFY AND WORK DOES INTERFERE WITH MY HOBBY TOO.  
THANKS FOR MAKING A GREAT CONTRIBUTION TO THE FUN THAT I HAVE,  
K8BBM

Doug Hendricks wrote:

>  
> Guys, this announcement is for information. The winter issue of QRPP is  
> going to be late for several reasons.  
>

-----  
Date: Thu, 21 Mar 2002 15:33:48 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <carlseye@tampabay.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [122851] Re: paddles  
Message-ID: <010701c1d130\$da361f60\$cba0b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Speaking of Paddles, has anyone tried out the Vibroplex Code Warrior Jr.? Looks like a neat paddle...

Trev

----- Original Message -----

From: carl seydersdahl <carlseye@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Thursday, March 21, 2002 2:13 PM  
Subject: Re: paddles

> I'd like to add a little note here about the "bulldog" paddles. I like them

> too , but they don't seem to last very long. Mine fell apart, ie: the  
> metallic connections came apart after a couple years, but then what  
can you

> expect from 5.00 or so??

> ----- Original Message -----

> From: "Howard Kraus" <K2UD@adelphia.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Thursday, March 21, 2002 5:03 PM  
> Subject: Re: paddles

>  
>  
> > Whiterook has a couple paddles that are less than the Bulldog, but  
the  
> > quality is good. In fact, I like the feel better than the Bulldog.  
> >  
> > They also have paddles with TiCK keyers built into the paddle base,  
same  
> > size as the paddle alone. Mine is used for the Spartan Sprints, and  
> outdoor  
> > use. Heck, I like them inside too!  
> >  
> > 72 all  
> >  
> > Howard Kraus, K2UD  
> > ----- Original Message -----  
> > From: "Steve/n0tu" <n0tu@codenet.net>  
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> > Sent: Thursday, March 21, 2002 8:38 AM  
> > Subject: Re: paddles  
> >  
> >  
> > > Probably the cheapest (most inexpensive) commercial paddles  
around are  
> > the  
> > > Bulldog Paddles. > 72, oo de N9KH  
> > >  
> > > I'll second that! At first I thought "how good could a paddle be  
if it  
> > was  
> > > made outa a paper clip?duh!" BUT until you use one you wont  
believe it's  
> > > performance. I got just the paddle works and made my own oak base  
shown  
> > > below. Used it last FYBO with my homebrew SST and was REALLY  
pleased  
> > with  
> > > it's performance and "feel" ! It has a more solid feel than the  
> > paddlettes.  
> > > Plus it's lighter and cheaper which kinda fits into my QRP  
philosophy of  
> > > things. Used a magnet strip to hold to my clipboard. YMMV  
> > ...Steve/n0tu  
> > >  
> > > pic of Bulldog and HB40m SST:  
> > > <http://users.codenet.net/n0tu/images/rigs/fybo02/HB40mSSTknee.JPG>  
> > > Pic of Bulldog w/oak base:  
> > > <http://users.codenet.net/n0tu/images/rigs/fybo02/Bdog.JPG>

> > >  
> > >  
> >  
> >  
>  
>

-----  
Date: Thu, 21 Mar 2002 18:32:45 -0500  
From: John Farler <jfarler@peoplepc.com>  
To: qrp-1@Lehigh.EDU, ki6ds@dph.dpol.net  
Subject: [122852] Re: Winter QRPP Will Be Late-Winter/Spring?  
Message-ID: <3C9A6D9C.B5A40A9C@peoplepc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Doug,

Norcal and QRPP got me started back into QRP and building. I always enjoy it and the other QRP magazines. Thank you and the other clubs who have publications that allow those of us who live outside the club areas to be a part of the fun. (Not to mention the projects)

Why don't you make the next issue a Winter/Spring issue and just extend everyone's subscription 1/4 year? This way you won't have to put that pressure on your self that you don't need trying to catch up. Everyone can understand, certainly.

Take care, and take care of yourself. Thanks for all the good work....

73/72,  
John Farler  
K4AVX  
Hazard, KY

Yep:  
"The picture's better on the radio....." JF

Doug wrote:

> Guys, this announcement is for information. The winter issue of QRPP is  
> going to be late for several reasons.

>  
> 1. I coach Varsity Basketball at Dos Palos. We had a very successful  
> season and went to the second round of the state playoffs. That meant my  
> season was extended two weeks.  
>  
> 2. My father became very ill in December, and died in the middle of  
> January. I am the executor of the estate.  
>  
> 3. ....  
>

-----  
Date: Fri, 22 Mar 2002 10:41:02 +1100  
From: "Ian C. Purdie" <ianpurdie@integritynet.com.au>  
To: Brian Murrey <brian@iquest.net>  
Cc: Pigs <fpqrp-l@mpna.com>, QRP-L <qrp-l@Lehigh.EDU>  
Subject: [122853] Re: [fpqrp] JunkBox Parts Update - For Sale  
Message-ID: <3C9A6F8E.841C12CB@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Brian Murrey wrote:

> Junkbox Surplus Parts for Sale as of 03/20/01  
> =====  
> NEW stuff!!  
>  
> LM78L62ACZ Volt regulators, T092 format 5/\$3.00 10/\$5.00  
> 6.2 Vdc

Brian,

Why don't you set up a web page somewhere similar to Diz, then I can send traffic to you,  
we know you are a reputable person. I'm sure others would also provide links as well.

72/73's

Ian C. Purdie  
"I believe Australia is the best address on earth"  
Do come and visit us in Australia.  
<http://www.australia.com>  
Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'

My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>  
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91  
<http://www.electronics-tutorials.com/>

-----  
Date: Thu, 21 Mar 2002 18:19:49 -0500  
From: "Jim Thiessen" <jthiessen@videotron.ca>  
To: <qrp-l@Lehigh.EDU>  
Subject: [122854] Meguro 35 Mhz Oscilloscope  
Message-ID: <02e201c1d12e\$e5c6db00\$1e02a8c0@WorkGroup>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a chance to buy a Meguro 35 Mhz oscilloscope, but I can't find much info on the web. Does anyone have experience with Meguro scopes? Any good? Do anyone have a source for info on Meguro scopes?

Thanks in advance for your help.

Jim  
VA3KV

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End of QRP-L Digest 2501  
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